

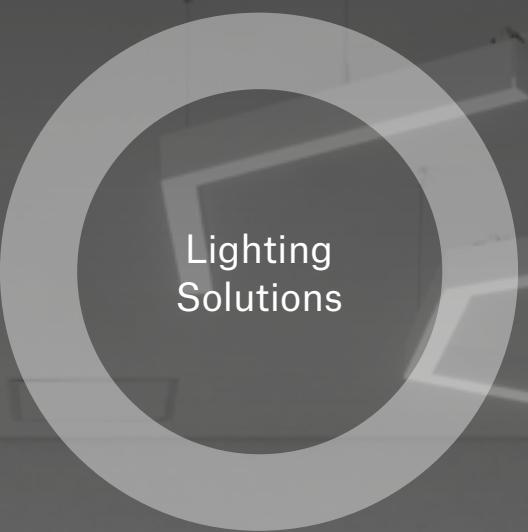


Digital Working  
2022





Worktitude  
For Light



Lighting  
Solutions



Technical  
Information





1.

<b>WORKTITUDE FOR LIGHT</b>	<b>4</b>
● Highlights	10
<b>WORKING PATHS</b>	<b>5</b>
● Worktitude for Wellbeing	6
● Worktitude for Innovation	7
● Worktitude for life	8

2.

<b>SEGMENTS</b>	<b>14</b>
-----------------	-----------

3.

<b>SERVICES LAMP+</b>	<b>22</b>
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# Worktitude for light

Lamp is work and attitude, we are  
Worktitude for Light.



**Light is our DNA**

**International vision, local commitment**

**Team**

**Co-Creation**

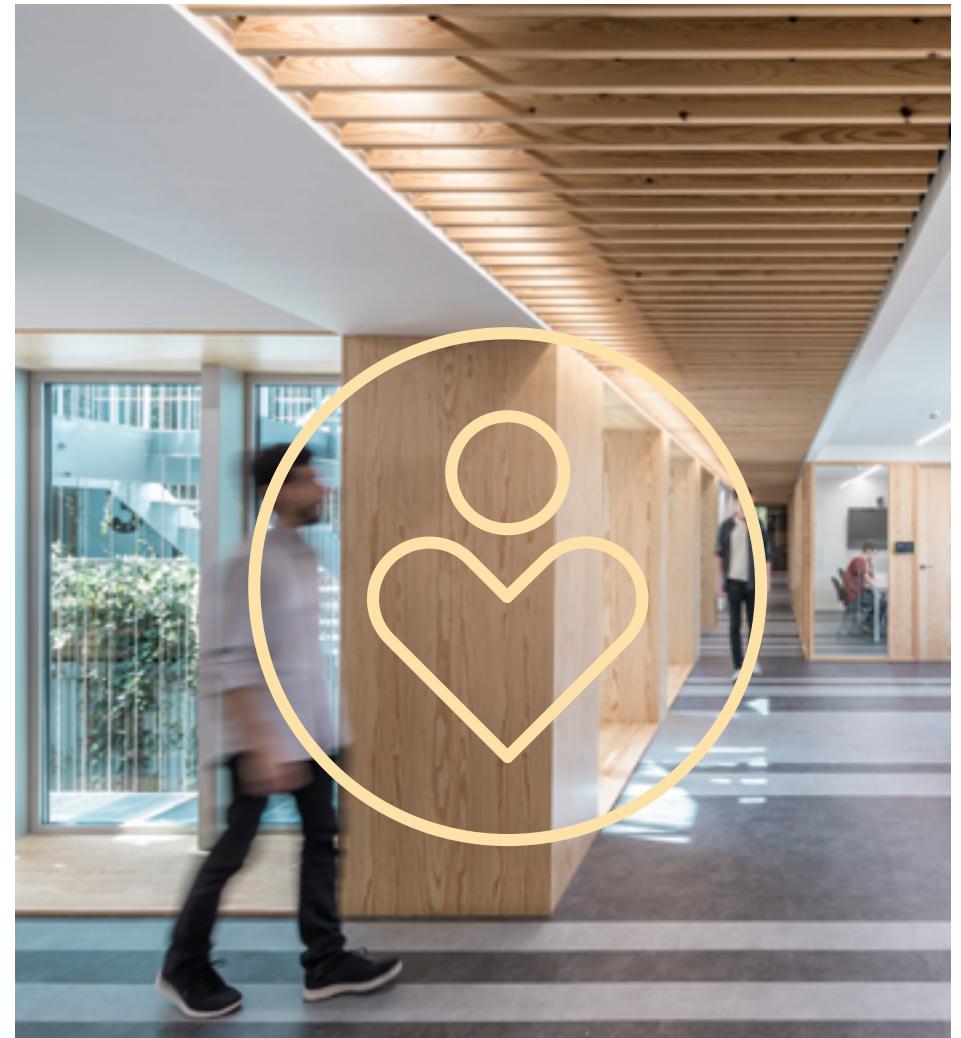




## Worktitude for Wellbeing

We understand lighting as a fundamental element for improving people's well-being, analysing the visual and non-visual effects of light.

We believe that light is born in each luminaire, but lives in the space it illuminates and in the person who works or lives there. Whether it is a product, a service or a project, we build on and for the users, taking into account the physical characteristics of the space and the tasks that will be carried out in it.





## Worktitude for Innovation

We promote and adopt innovation projects aimed at constant improvement in a transversal way, understanding that innovation is a systemic and systematic process.

We anticipate the needs of architects, lighting designers, engineers and interior designers to make their projects a reality and give light to the future, creating lighting solutions that respond to new ways of living.





## Worktitude for Life

We encourage projects that have a positive impact on the environment and promote a more sustainable lighting industry.

We believe that bringing a space to life requires the shared effort of many companies and professionals working responsibly with the aim of reducing the environmental impact along the entire value chain. We do our bit by providing realistic, efficient, sustainable solutions that are in line with the current climate reality.





## SUSTAINABILITY COMMITTEE

Stable committee incorporated into the company's organisation chart, responsible for managing the sustainability plan, collecting proposals and prioritising actions.



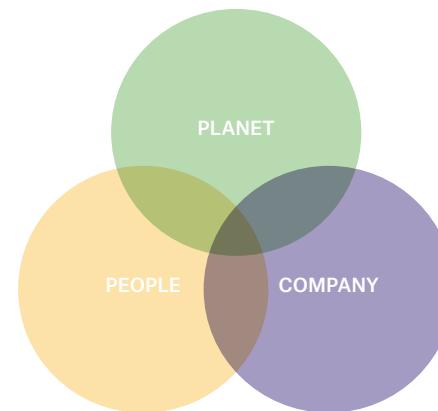
## SUSTAINABILITY PLAN

3-year plan, articulated in three axes: Environmental (Planet), Social (People, health and wellbeing) and Economic (Company, profitability and reputation).



## CERTIFICATIONS AND STANDARDS

- ISO 9001 and 14001 certifications
- SILVER classification by Ecovadis ranking, which places us in the top 25% of companies with the best performance in terms of social responsibility.
- Progressive EDP management of our products based on LCA (Life Cycle Assessment).
- Use of recycled aluminium with ASI seal.



## MEASURING IMPACT

Implementation of software to manage and report on all sustainability and CSR activity.  
Progressive LCA (Life Cycle Assessment) of our product families.



## REDUCING THE ENVIRONMENTAL FOOTPRINT

Prioritising actions to help us reduce CO<sub>2</sub> and other GHG (Greenhouse Gas) emissions, both direct and indirect.



## ENERGY TRANSITION

Use of renewable energies thanks to the installation of solar panels in HQ, which means 40% self-consumption. Commitment to the progressive electrification of the vehicle fleet.



## WASTE MANAGEMENT

Plan for constant improvement in waste management, such as the reduction of plastic packaging, optimisation of packaging by eliminating expanded polystyrene elements, ...



## RELATIONSHIP WITH SUPPLIERS

Prioritisation of local suppliers with sustainability policies and carbon footprint reduction. Optimisation of transport routes. Strengthening relationships to improve the social reality of the environment.



## TRAINING AND ENVIRONMENTAL AWARENESS PLAN

Aimed at our teams, as well as external dissemination actions.



## ECODESIGN

Implementation of design and conceptualisation strategies to promote the circularity of our products and reduce their environmental impact. Migration to the use of recycled materials such as recycled aluminium, rPET, rCork, and/or biodegradable materials.



## PUBLIC COMMITMENT AND TRANSPARENCY

- Adherence to the UN Global Compact as a public commitment to align with the Ten Universally Accepted Principles in the areas of human rights, labour standards, environment and anti-corruption.
- Support of the UN goals embodied in the Sustainable Development Goals (SDGs).
- Commitment to the preparation and publication of the Progress Report (2023).



## RESEARCH AND DEVELOPMENT

R&D projects developed by our own internal teams and external experts to develop innovation that minimises environmental impact (new materials, additive manufacturing, packaging optimisation, etc.).



## PLAN DE IGUALDAD Y EQUIDAD

Forma parte del programa acelerador **Target Gender Equality 2022-2023** para impulsar la contribución al ODS 5 por la igualdad de género.

## Light is our DNA

---

- We have been turning our clients' lighting challenges into reality for 50 years.
- We combine experience, know-how and continuous evolution, from our manufacturing process to our consultancy services.
- We have implemented the latest technological advances into our lighting solutions, always focused on the commitment to light quality that each project needs.
- We support and defend good lighting. And, as a result, we created the Lamp Awards, to reward creativity, innovation and sustainability of lighting projects.



## International vision, local commitment

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- Our international perspective makes it possible for us to offer lighting solutions that can address projects comprehensively while maintaining our commitment to the local market thanks to the presence of our teams in the different subsidiaries and sales offices.
- We think globally, solve challenges with local commitment and follow-up.
- We are present in over 70 countries thanks to our factory and Terrassa HQ, as well as our 8 subsidiaries.



# Team

---

- Engineers, designers, technicians and a myriad of professional profiles work together on your next project.
- We design and manufacture all our portfolio's products in our HQ in Terrassa, Barcelona (Spain).
- Lamp's own designs coexist with creations by prestigious collaborators in our catalogue.
- We work in partnership with experts in fields such as sustainability, acoustic conditioning, ...

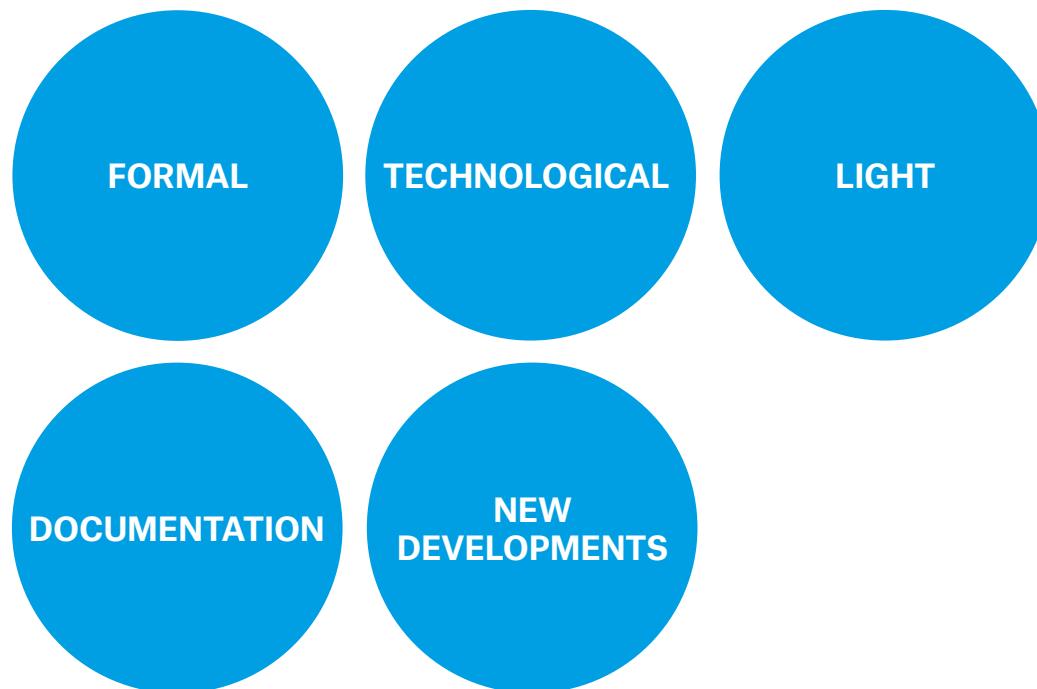




## Co-Creation

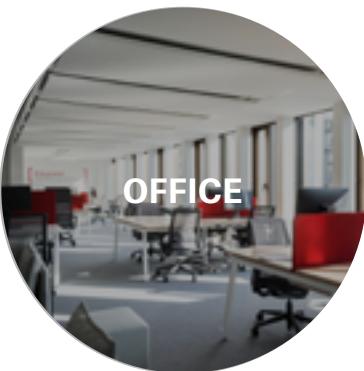
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At Lamp we deliver value to your project by developing tailor-made lighting solutions to suit any application. Our co-creation service ranges from adapting products currently available in the catalogue to custom made-to-measure solutions on a client-by-client basis.



# Light that brings your space to life

For any environment and in all sectors:  
our genius is in designing the lighting that  
your space needs.



# Education

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Light that takes care and improve the educational experience.



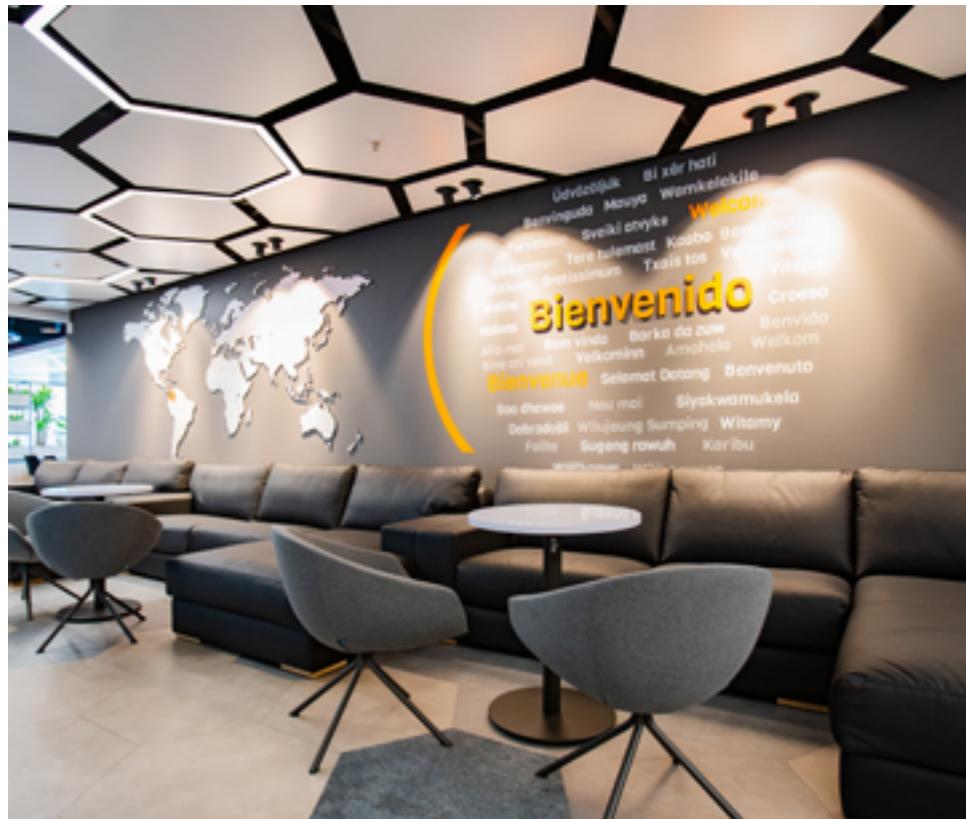
# Office

Light that promotes collaboration and creativity, as dynamic as the needs of the users.



# Common Spaces

Light that creates a welcoming environment without forgetting the technical aspects and good lighting control.



Lamp Worktitude for light

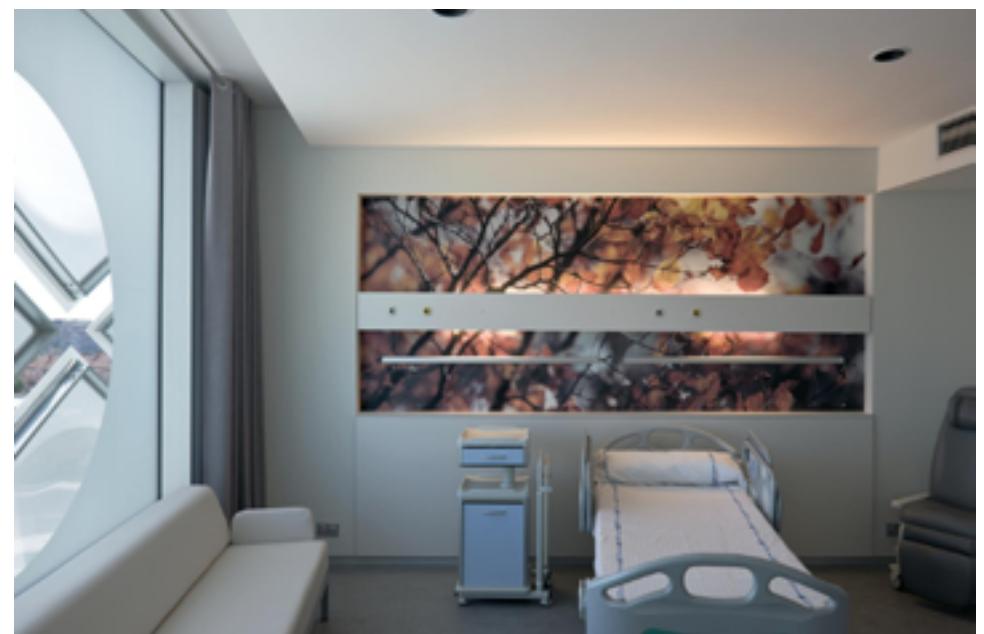


# Healthcare & Wellness

Light focused on comfort and well-being, that improves the user experience.

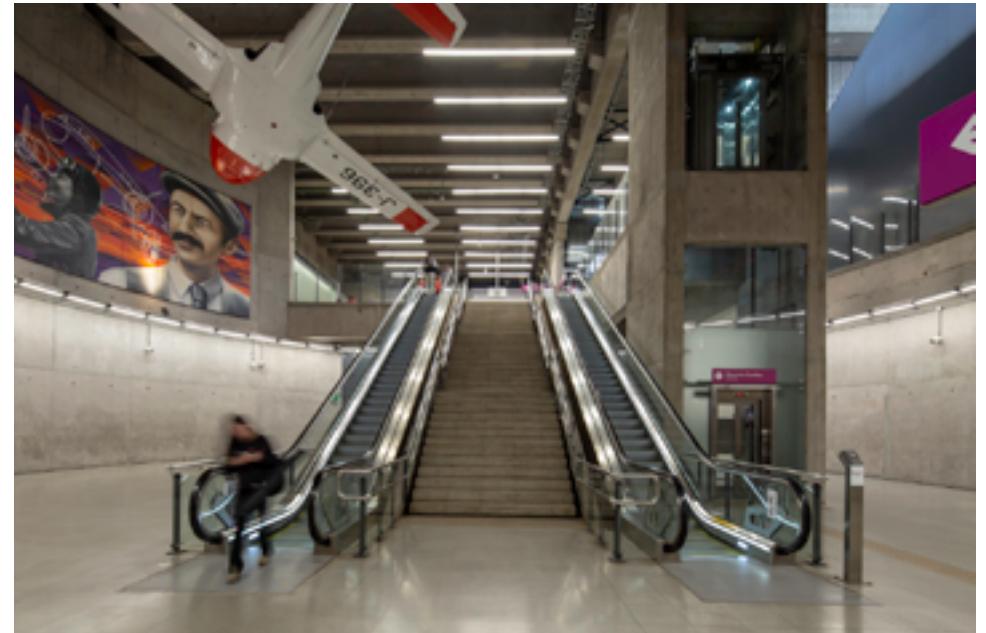


Lamp Worktitude for light



# High density transit

Efficient and durable light to commit with the highest requirements for both: users and architectural space.



## Retail

Light for highlighting the essence of your products with the most suitable lighting features.



Lamp Worktitude for light

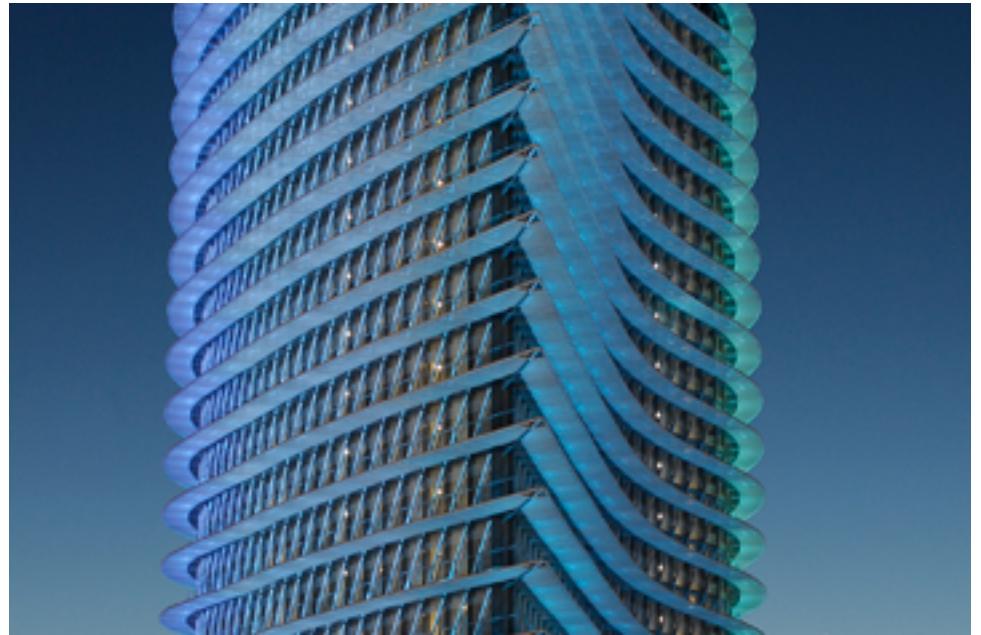


# Architectural Outdoor

Light adapted to the human scale to create places with their own identity.



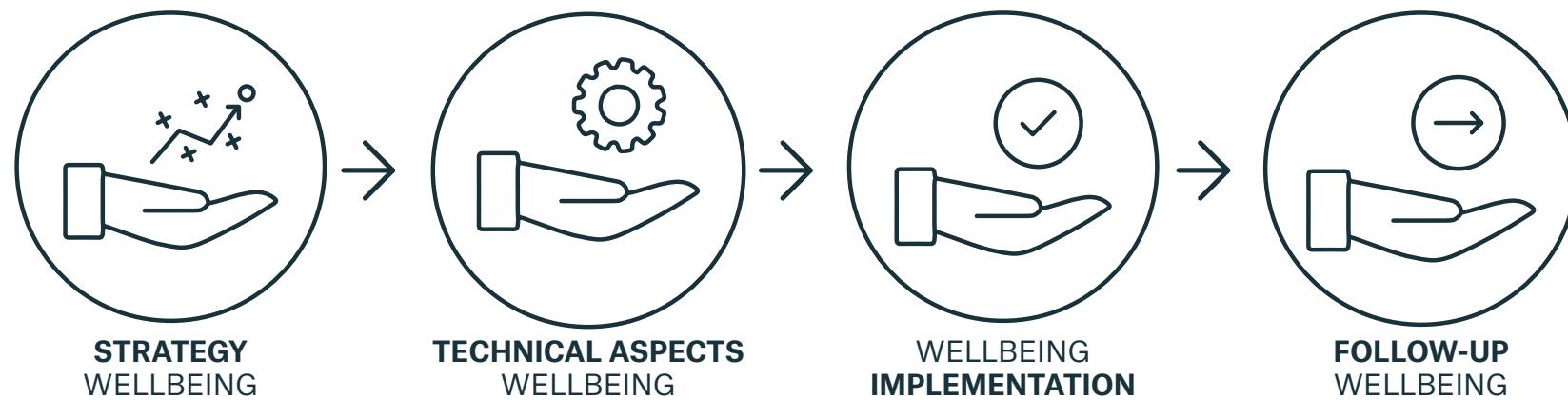
Lamp Worktitude for light



# Lamp +

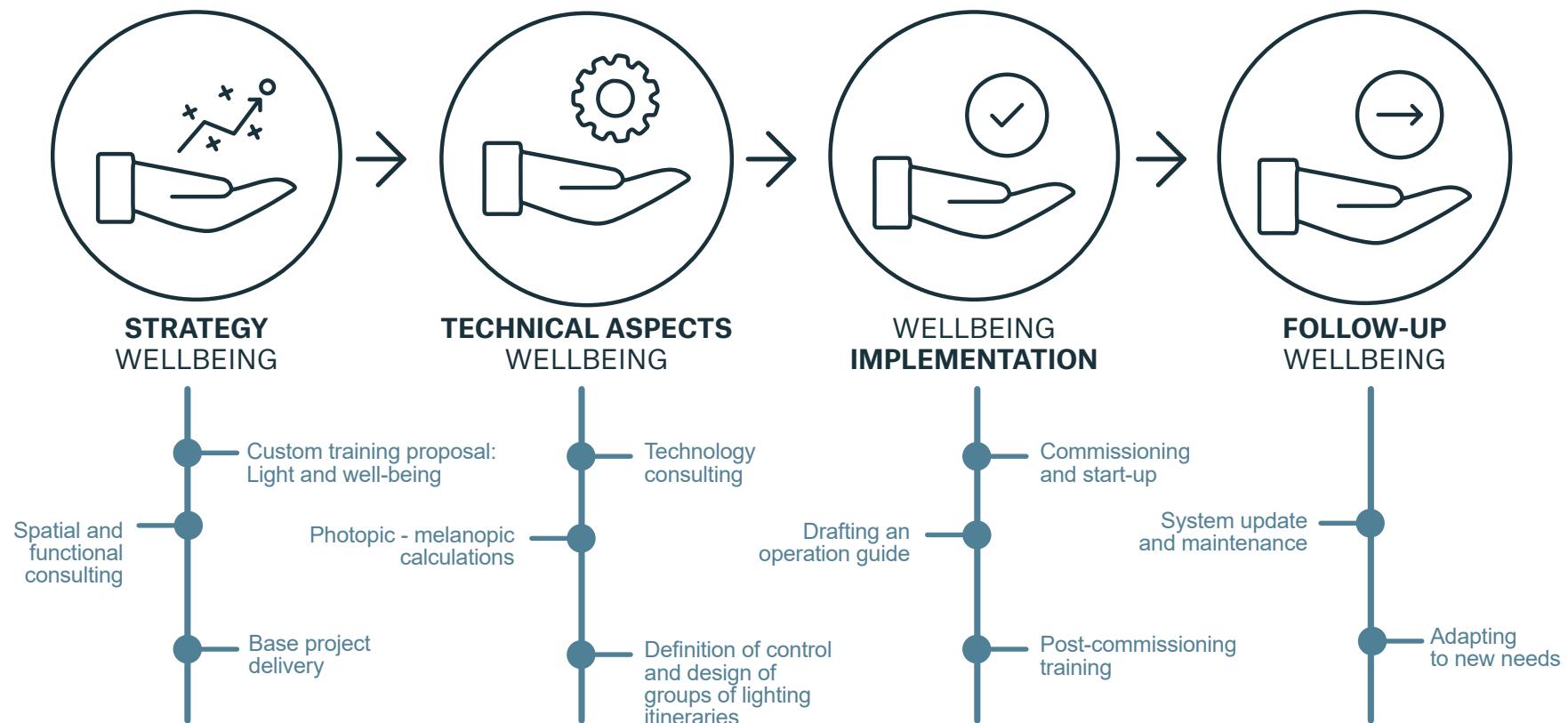
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Integrative lighting service focusing on the well-being of the end user. We contribute people's well-being through lighting.



# Lamp +

Integrative lighting service focusing on the well-being of the end user. We contribute people's well-being through lighting.





## LIGHTING SOLUTIONS

1.

### PRODUCT INDEX

25

2.

### LIGHTING FOR WELL-BEING

- Visual comfort 30
- Photobiological risk 31
- Technology 32

3.

### TECHNOLOGY

- Technological Gradient 33
- Wellbeing Technology 34

4.

### NOVELTIES

- Kombic 70 35
- Tech Ultracomfort 40
- Hance Biophilia 46
- Quiet 50
- Nomadic System 68
- Fil System 156

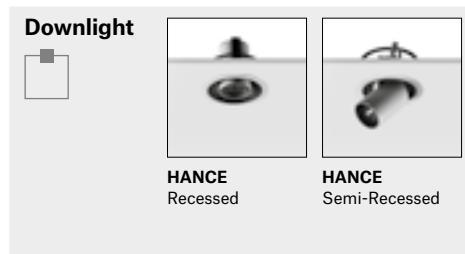
### PALETTES

- Wellbeing 75
- Be Social 76
- Materiality 77

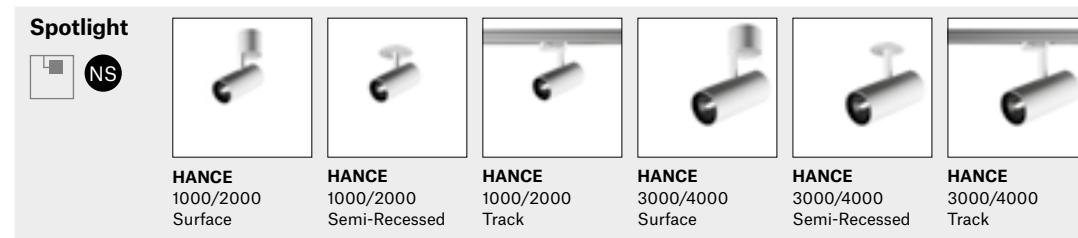


# INDOOR

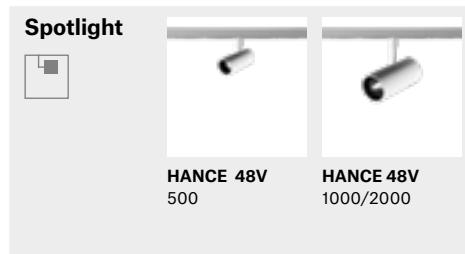
## HANCE DOWNLIGHT 78



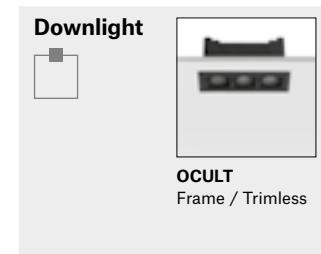
## HANCE SPOTLIGHT 83



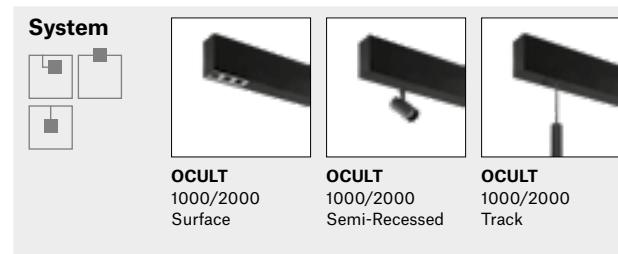
## HANCE 48V 89



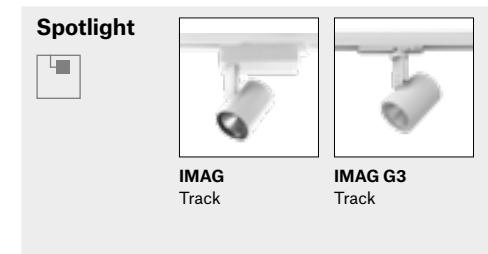
## OCULT DOWN. 93



## OCULT SYSTEM 98



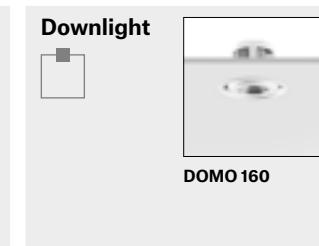
## IMAG 105



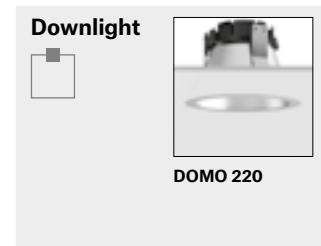
## KOMBIC 109



## DOMO 160 120



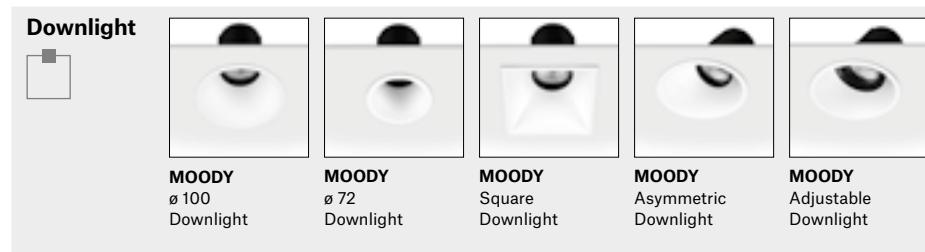
## DOMO 220 122



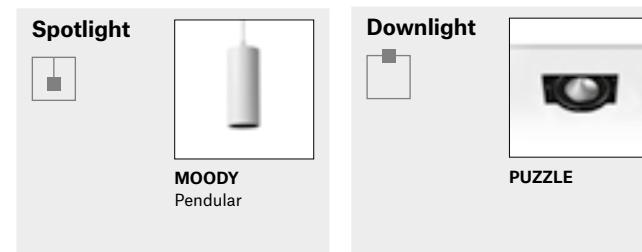


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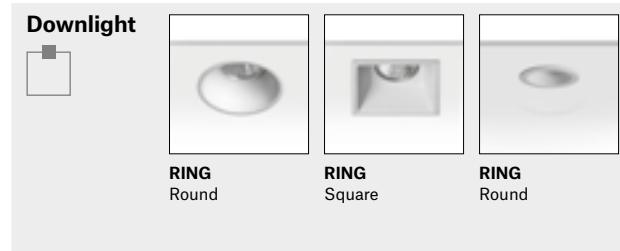
## MOODY 125



## PUZZLE 399



## RING 414



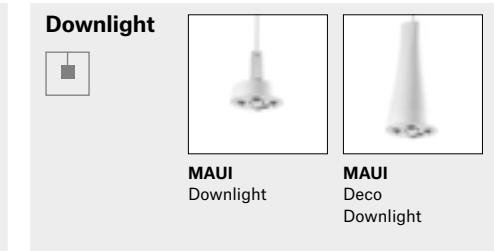
## STORMBELL 80 131



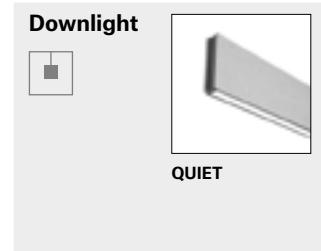
## STORMBELL 139



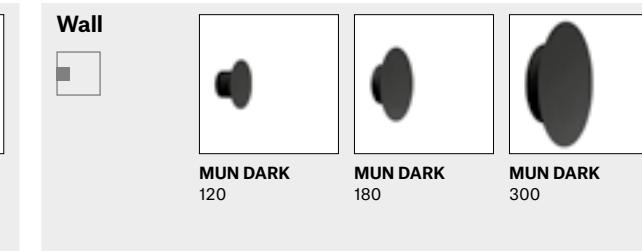
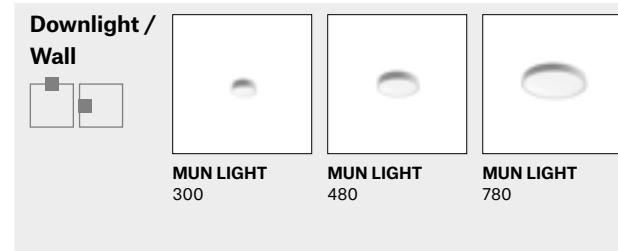
## MAUI 146



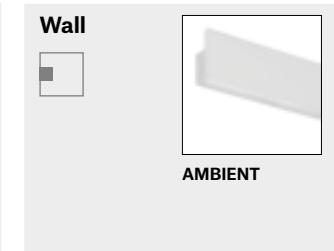
## QUIET 50



## MUN 151



## AMBIENT 238



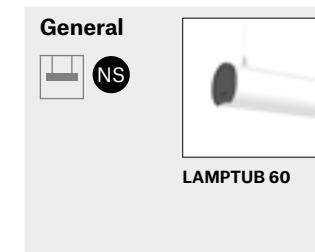


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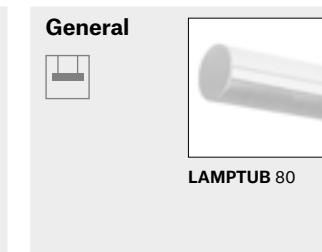
## FIL 156



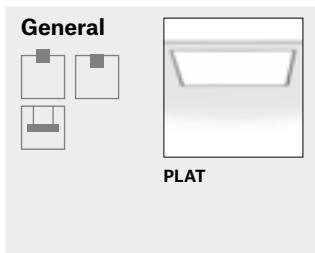
## LAMPTUB 60 179



## LAMPTUB 80 183



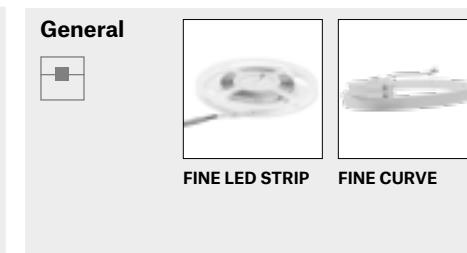
## PLAT 396



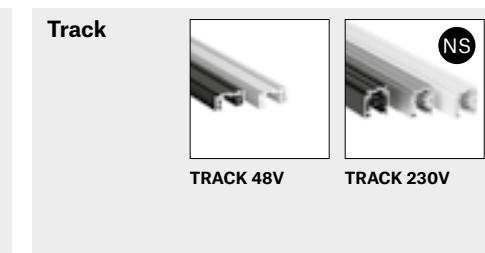
## MODULAR 185



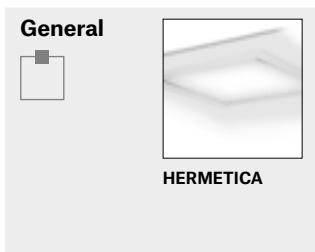
## FINE LED STRIP 279



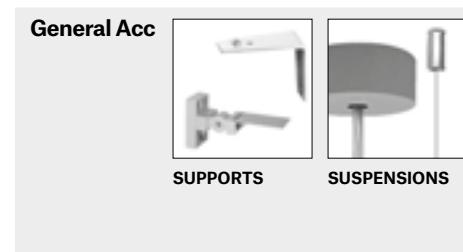
## TRACK 424



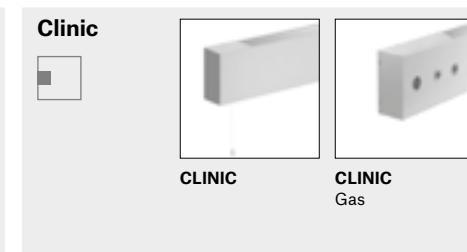
## HERMETICA 311



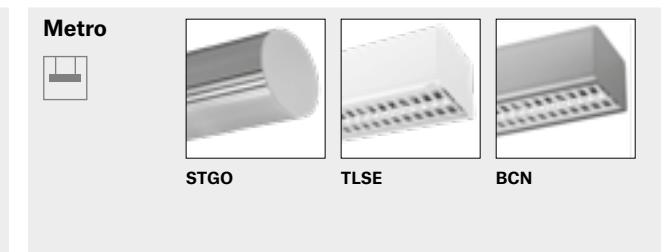
## GENERAL ACC 506



## HEALTH SOLUTIONS 187

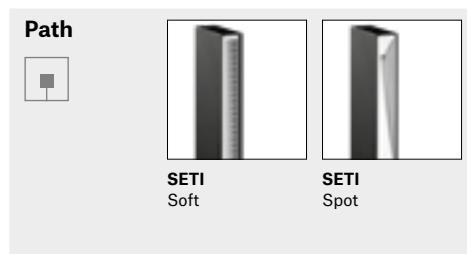


## TRANSPORT SOLUTIONS 189

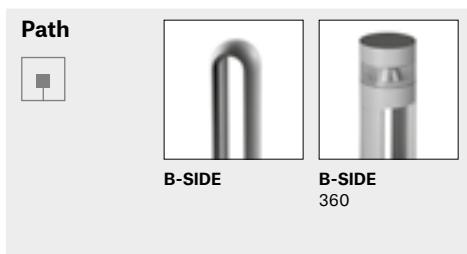


# OUTDOOR

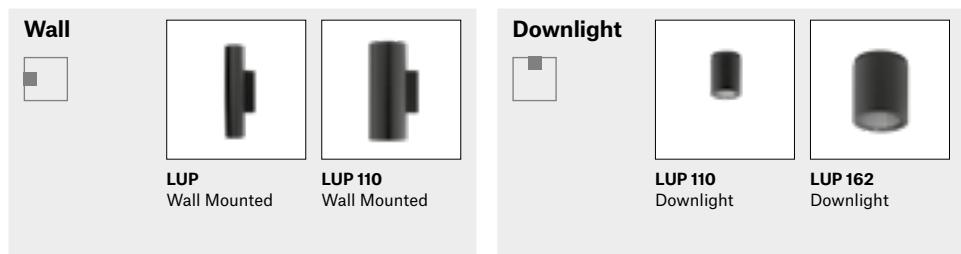
## SETI 191



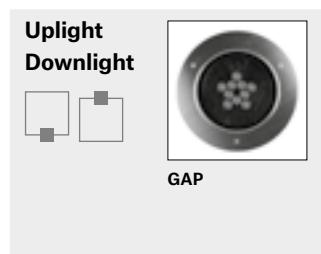
## B-SIDE 195



## LUP 199



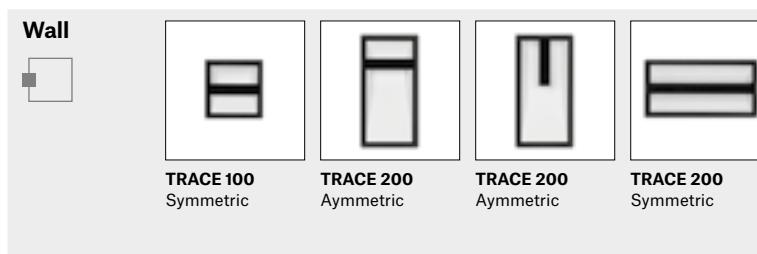
## GAP 203



## XTREMA 502



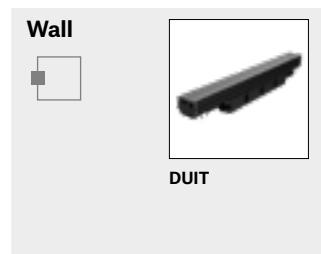
## TRACE 207



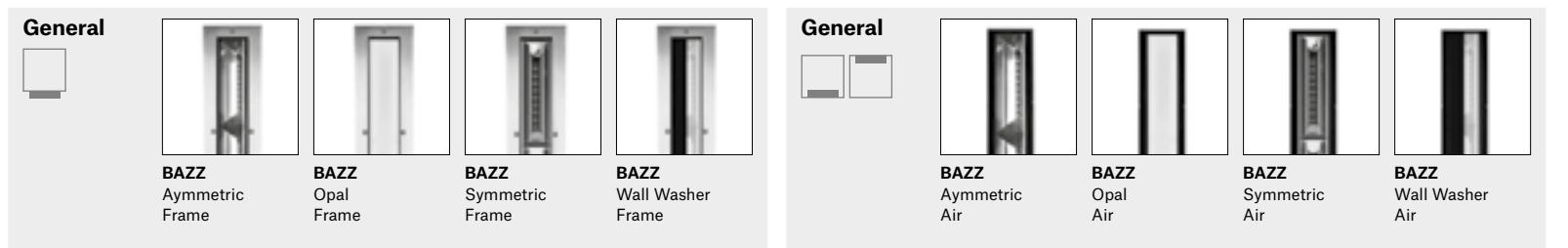
## URBAN 100 500



## DUIT 211



## BAZZ 219



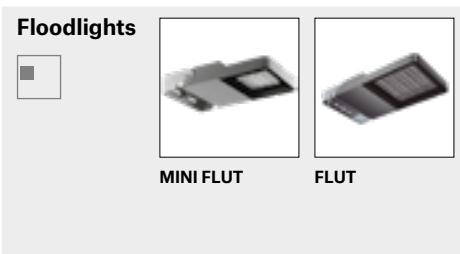


# OUTDOOR

## BAULINE 223



## FLUT 227



## SHOT 232



## NIU 474



## OWL 477



## GENERAL ACC. 506





# Visual comfort

## Luminaires with high visual comfort

Specially designed for users to perform concentration and work tasks, with medium-high lighting levels and high comfort requirements, such as offices, classrooms, health and wellness spaces.

### Luminaires with a low degree of glare by means of:

Tech and Opal confort diffusers  
(UGR <19)

FIL 45

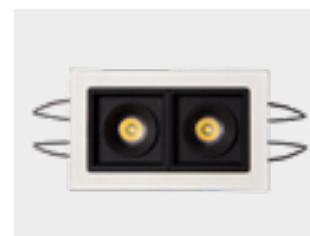


Optical options and high degree of shielding (UGR <17)

KOMBIC 100 OPTIC



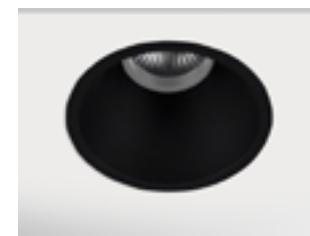
OCULT



KOMBIC 150 OPTIC



MOODY

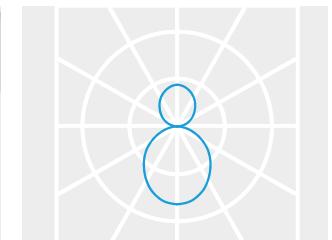


Direct and Indirect Emission

FIL 45 / FIL 70



DIR/IND



AMBIENT



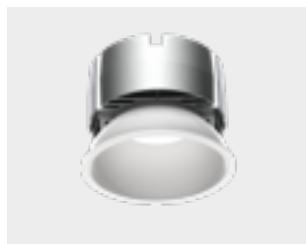


# Photobiological risk

## Luminaires exempt from photobiological risk

For those spaces with high visual comfort requirements due to a more sensitive type of user, such as children or elderly people, as well as spaces where users are exposed to artificial light for long periods, such as kindergartens, educational centres, hospitals, laboratories, offices, senior residences, etc., using luminaires classified as **"Exempt from photobiological risk - Group 0" according to the UNE 62471 standard is recommended.**

KOMBIC 100



KOMBIC 150



KOMBIC 200



KOMBIC 100 SURFACE



KOMBIC 150 SURFACE



KOMBIC 200 SURFACE



FIL 35



FIL 45



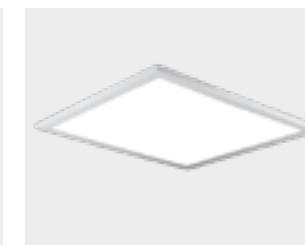
FIL 50



FIL 70



PLAT





# Technology

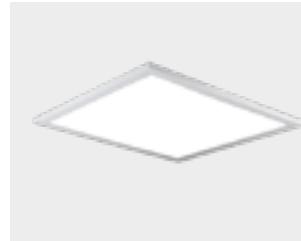
## Dynamic Lighting

technology that enables colour temperature variation (2700-6500 K) by selecting the most suitable colour temperature for the lighting level.

FIL 45



PLAT



KOMBIC



KOMBIC SURFACE



## Wellbeing Lighting

technology that emulates the natural biorhythms of the human being, maximising circadian activation. Wellness-focused light with high CRI levels (>97), R9 (<50) and high circadian stimulation.

FIL 45



KOMBIC 100



KOMBIC 150

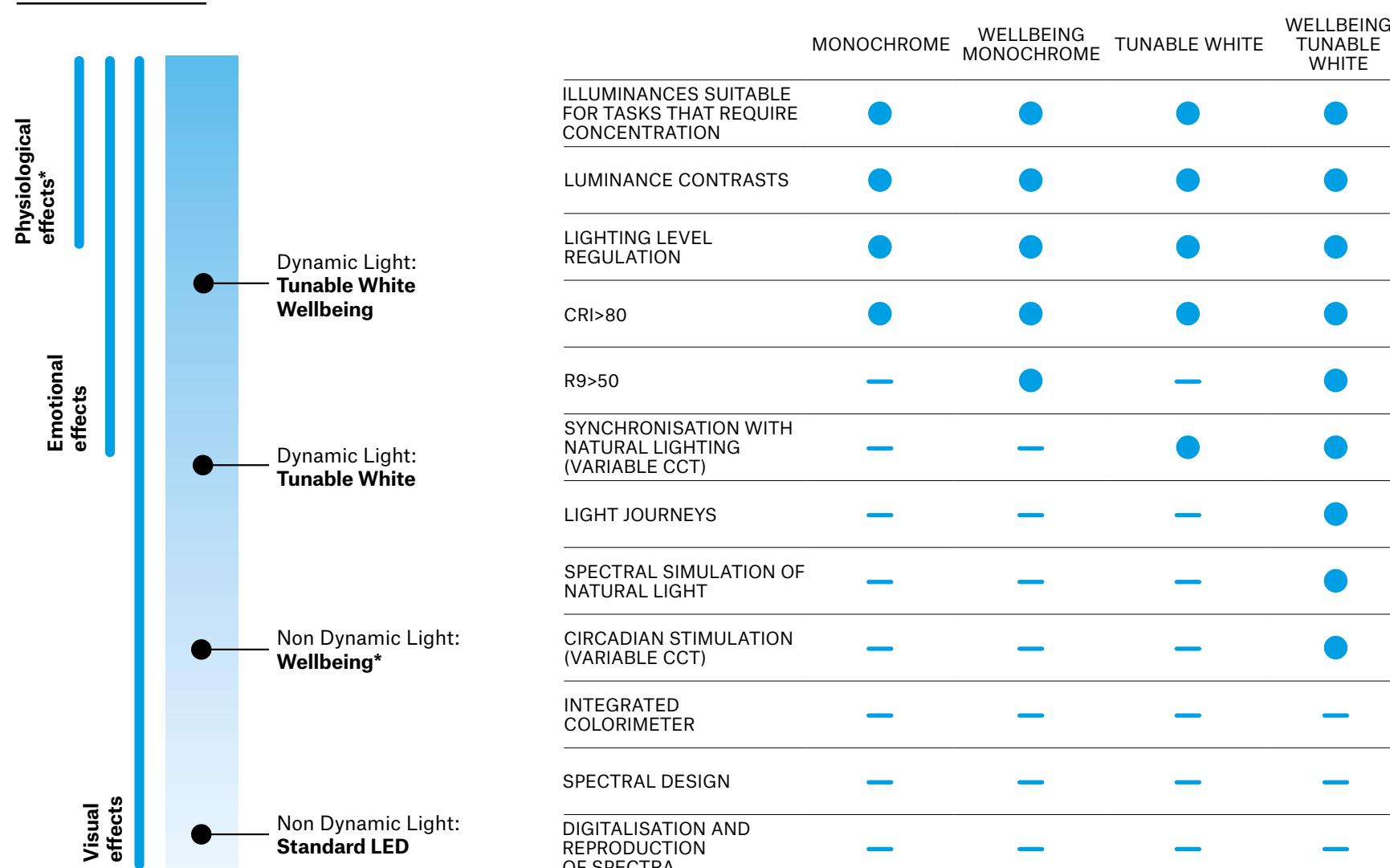


KOMBIC SURFACE





# Technological Gradient





# Wellbeing Technology

Back to nature

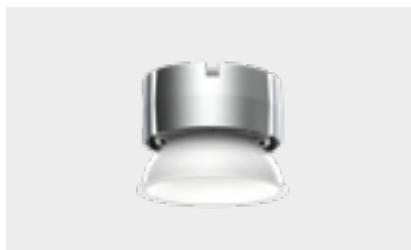
A technology that emulates our natural biorhythms by reducing the most aggressive negative emissions and optimising those that are the most effective in activating natural circadian rhythms. Light focused on well-being.

#WorktitudeForWellbeing

FIL 45



KOMBIC 100

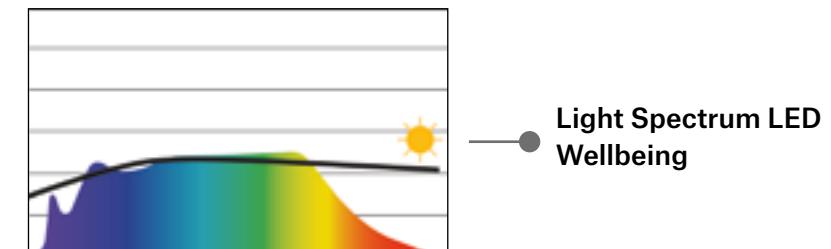
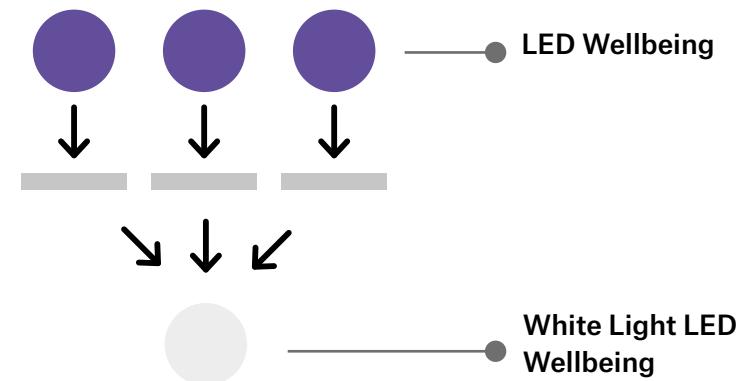


KOMBIC 150



Lamp Worktitude for light

## WHITE LIGHT FORMATION





# Kombic 70

*Technical demands and light adaptability in a compact volume*

Downlight with a demanding technical performance to meet different lighting requirements, by means of a miniaturised and compact volume.

*Design by Lamp*



**Downlight with a demanding technical performance to meet different lighting requirements, by means of a miniaturised and compact volume.**

### Main application segments:

Office / Education (COMFORT y EFFICIENCY)  
 Common spaces (BASIC y EFFICIENCY)  
 Healthcare & wellness (BASIC y COMFORT)

### Three versions fitted into a single solution to solve multiple applications:

- BASIC: Opal model, for general lighting.
- COMFORT: Model with optics ( $52^\circ$ ), UGR<6 and efficiency up to 107.60 lm output/W.
- EFFICIENCY: Model with reflector, apertures ( $52^\circ$  and  $33^\circ$ ). UGR<19, efficiencies up to 130 lm output/W. (Special Spot distribution option (15th ).





## Ecodesesign criteria:



**Materials:** 96 % reduction of the CO<sub>2</sub> footprint in manufacturing thanks to the use of R-PC FR WHITETM recycled polycarbonate in the reflector.



**Efficiency:** up to 130 lm Out/W



**Circularity:** conceived under 3R criteria

- Reduction of materials, thanks to its miniaturisation
- Reuse: includes recycled materials of post-industrial origin
- Recyclable: designed to improve its separability and recyclability at the end of its life cycle, and ease of maintenance.



**Environmental product declarations** (based on UNE 15804): which quantifies the impact on the carbon footprint considering the entire product life. Providing information for the LCA (Life Cycle Assessment) of the building.





Comfort and well-being:



## Visual health:

- Active glare control through COMFORT and EFFICIENCY versions;
- RG0 'risk exempt' luminaires according to the Photobiological Safety standard UNE 62471;
- Flicker free;



## Environmental health (VOC): Use of bromine-free flame retardant

### POLYCARBONATE : R-PC FR WHITE™

"Reflector made of recycled polycarbonate R-PC FR WHITE™ with bromine-free flame retardant. Flammability grade V0 according to UL94."

- Savings **70 Tn CO<sup>2</sup> Eq /year**
- **96 %** reduction of CO<sup>2</sup> footprint (per part)





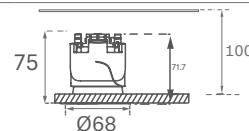
## Kombic 70

## Models

DLIGHT 70



## Dimensions



## Lm LED

1500 lm

## CRI

80 / 90

## IP

44 / 23

## Beam angle

OPAL  
WFL 50°

80 / 90

44 / 23

REFLECTOR  
RF 33°REFLECTOR  
RW 60°

## Color temp.

2700/ 3000 /4000K

## Gear

ON/OFF - DALI

## Power

8,4W

## Finishes

 Black 02 White 02



# TECH ULTRACOMFORT

*Design by Lamp*

*FIL 35 / LAMPTUB 60*





UGR  
12



Comfort and well-being:

**Visual health:**

- Active glare control through TECH ULTRACOMFORT optics
- Flicker free;



Ecodesign criteria:

**Materials:** 40 % reduction of the CO<sub>2</sub> footprint in manufacturing thanks to the use of recycled aluminium.

**Efficiency:** up to 99 lm Out/W

**Circularity:** conceived under 3R criteria

- Reduction of materials, thanks to its miniaturisation
- Reuse: includes recycled materials of post-industrial origin
- Recyclable: designed to improve its separability and recyclability at the end of its life cycle, and ease of maintenance.



**Environmental product declarations** (based on UNE 15804): which quantifies the impact on the carbon footprint considering the entire product life. Providing information for the LCA (Life Cycle Assessment) of the building.



Models	OPAL	OPAL COMFORT	TECH	DIRECT / INDIRECT					
Dimensions	SURFACE	RECESSED	TRIMLESS	DIRECT / INDIRECT					
Lm LED	1200 lm	1470 lm	1600 lm	2000 lm	2400 lm	2650 lm	2800 lm	3200 lm	
Lengths	840 mm	1120 mm	1400 mm	1680 mm	1960 mm	2240mm			
CRI	80 / 90								
Beam angle	 Opal	 Opal Comfort	 Tech	 Dir / Ind					
Color temp.	3000 / 4000 K								
Gear	ON/OFF - DALI								
Power	8 W	11 W	12 W	14 W	16 W	18 W	19 W	22 W	32 W
Acc. Finishes	<input checked="" type="radio"/> Black 02	<input type="radio"/> White 02	<input type="radio"/> Grey 01						



Comfort and well-being:

#### Visual health:

- Active glare control through TECH ULTRACOMFORT optics
- Flicker free;



UGR  
12



Ecodesign criteria

**Materials:** 40 % reduction of the CO<sub>2</sub> footprint in manufacturing thanks to the use of recycled aluminium.

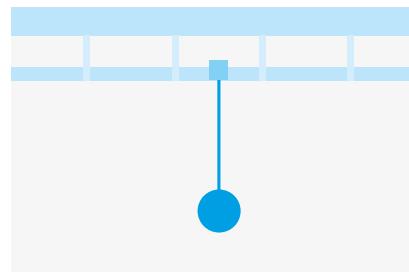
**Efficiency:** up to 99 lm Out/W

**Circularity:** conceived under 3R criteria

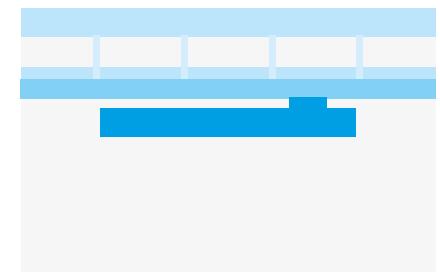
- Reduction of materials, thanks to its miniaturisation
- Reuse: includes recycled materials of post-industrial origin
- Recyclable: designed to improve its separability and recyclability at the end of its life cycle, and ease of maintenance

**Nomadic system:** designed within a circular economy concept that facilitates the recovery and reuse of luminaires. Highly efficient system from an energy perspective, giving priority to the use of sustainable materials.

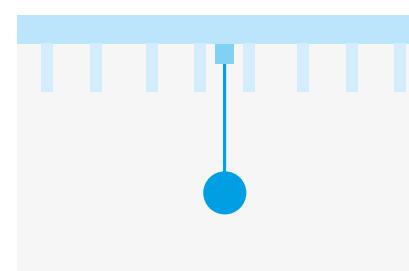
#### NS Nomadic System



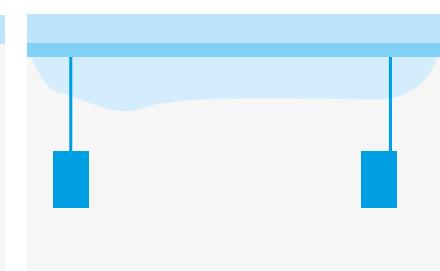
Spaces with hidden installations  
(continuous false ceiling).



Spaces with view installations  
(metal tray).



Spaces with hidden installations  
(slatted false ceiling).



Spaces with view installations  
(multi-format ceilings).



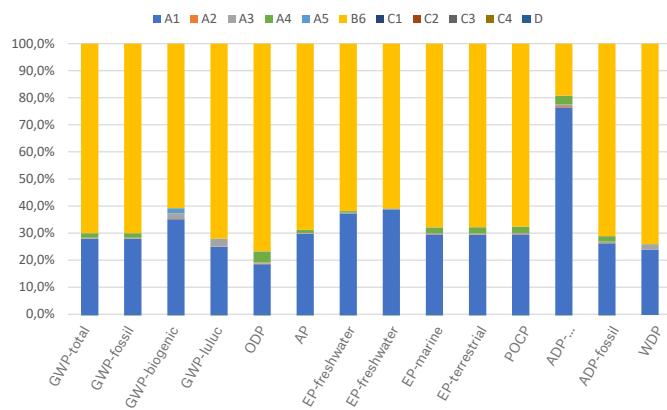
Models	SUS. DIR. REC	SUSP. DIR. SUR	TECH	SUS. DIR/IND. REC	TRACK DIR. SUR	TRACK DIR. SUS	TRACK DIR/IND. SUS
Dimensions	DIRECT			DIRECT / INDIRECT	DIRECT		DIRECT / INDIRECT
Lengths	840mm	1120mm	1680mm				
Lm LED	1500lm	2600lm	3000lm				
CRI	90						
Beam angle							
Opal	Opal Comfort	Tech	Dir/Ind Opal	Dir/Ind Opal Comfort	Opal	Opal Comfort	Dir/Ind Opal
Color temp.	2700 / 3000 / 4000 K/TW				2700 / 3000 / 4000 K		
Gear	ON/OFF - DALI						
Power							
Finishes	<input type="radio"/> White	<input checked="" type="radio"/> Black					
Wellbeing Palettes	<input checked="" type="radio"/> 4050-R90	<input type="radio"/> 1505-Y10R	<input checked="" type="radio"/> 7024	<input type="radio"/> 4030-B50G	<input type="radio"/> 7001		
Be Social Palettes	<input checked="" type="radio"/> 4050-R90	<input type="radio"/> 1050-B10G	<input checked="" type="radio"/> 7502-R	<input type="radio"/> 7502-R	<input type="radio"/> 2011		

## ALUMINIUM R

- Recycled aluminium **70%** reduction in direct carbon emissions during manufacture.
- **5%** energy use compared to the original process.

● Savings **270 Tn CO<sub>2</sub> Eq /year**

● **42 %** reduction of CO<sub>2</sub> footprint



Contribution of the life cycle stages to the total life cycle impact of the product.

**Lamp** Worktitude for light

Aluminium R Profile





# HANCE BIOPHILIA

*Design by Lamp*

Lamp Worktitude for light



## BIOPHILIC DESIGN

~ *Biophilia: psychological trend to be attracted to everything living and vital* ~

Biophilic design seeks to foster the innate connection between humans and nature within the project, helping to create healthier and more comfortable spaces by integrating organic components and natural materials. Practice included in some specialised standards in the generation of healthy spaces

## BENEFITS OF VERTICAL GARDENS

 **Air purification.** Removing up to 85% of toxic agents from the air, such as benzene, formaldehyde and trichloroethylene

 **Thermal Insulation.** Reducing temperatures in hot weather and maintaining the interior case in cold weather

 **Acoustic Isolation.** Absorbs up to 10 dB of ambient noise.

### **Improves users' sense of well-being and comfort.**

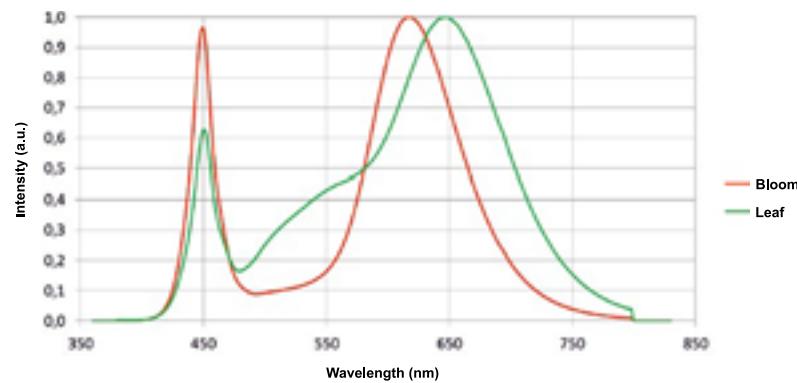
Contributes to creating greener urban landscapes, having a positive impact on biodiversity, climate change and mitigating the heat island effect of cities.

Lamp Worktitude for light



## Optimised light spectrum for vegetation lighting.

- "Full Spectrum"
- CRI up to 85
- CCT (approximate) 2700K
- Lighting option for 'Plant Growth' or 'Generative Growth (Flowering)'.
- Flux: Up to 177  $\mu\text{mol}/\text{s}$
- Efficiency: 2.7  $\mu\text{mol}/\text{J}$
- Luminous distribution: FL ( $37^\circ$ ), MFL( $24^\circ$ ), Elliptical



\*Light source data

Lamp Worktitude for light





Lamp Worktitude for light

## OTHER LUMINAIRES AVAILABLE

Consult other models compatible with the lighting of plant ecosystems, such as linear luminaires or luminaires of great heights.

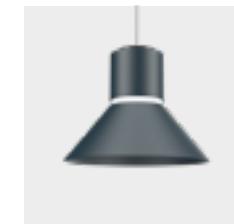
HANCE  
DOWNLIGHT



KOMBIC



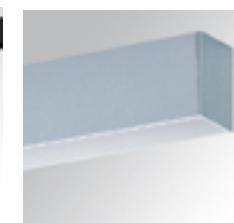
STORMBELL



IMAG



FIL

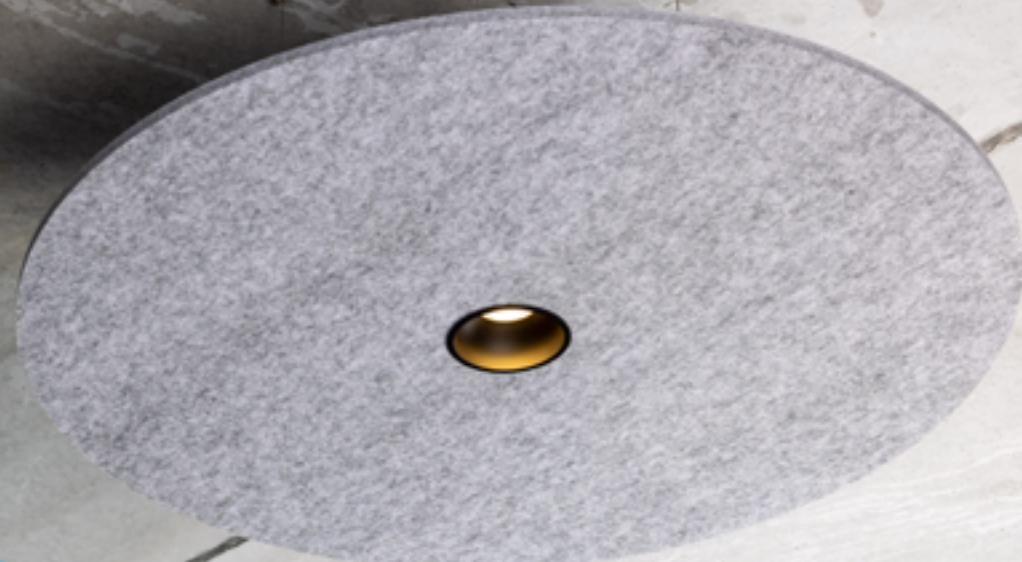




# Quiet

Portfolio of integrative solutions  
lighting and acoustic comfort.

By Lamp Aistec





# Quiet



## Integral Well-being solution

Combining acoustic and lighting comfort solutions, with the highest technical specifications.

## LOW VOC

Low VOC emissions without formaldehyde.

## Visual health

- Integrated lighting solutions meet high visual comfort requirements:
  - Active glare control: opal and opal confort diffuser;
  - RG0 'risk exempt' luminaires according to the Photobiological Safety standard UNE 62471;
  - High visual comfort models with large shielding angle, black reflectors and Ultra confort optics;
  - Flicker free;



## Adaptability and customisation

In addition to the great technical versatility of these luminaires, there is a range of 56 colours, custom finishes (die-cutting, bevelling, printing) and made-to-measure developments available.

## Consultancy services

To perfectly integrate the lighting and acoustic project.

## Ecodesign criteria



Designed within a circular economy concept that facilitates the recovery and reuse of luminaires. It is made of a sound-absorbing recycled PET felt non-woven fabric (from bottles). Some of the luminaires are made of recycled materials such as Aluminium or plastics.



# Quiet

By Lamp & Aistec



## ENVIRONMENTAL ERGONOMICS

### COMFORT



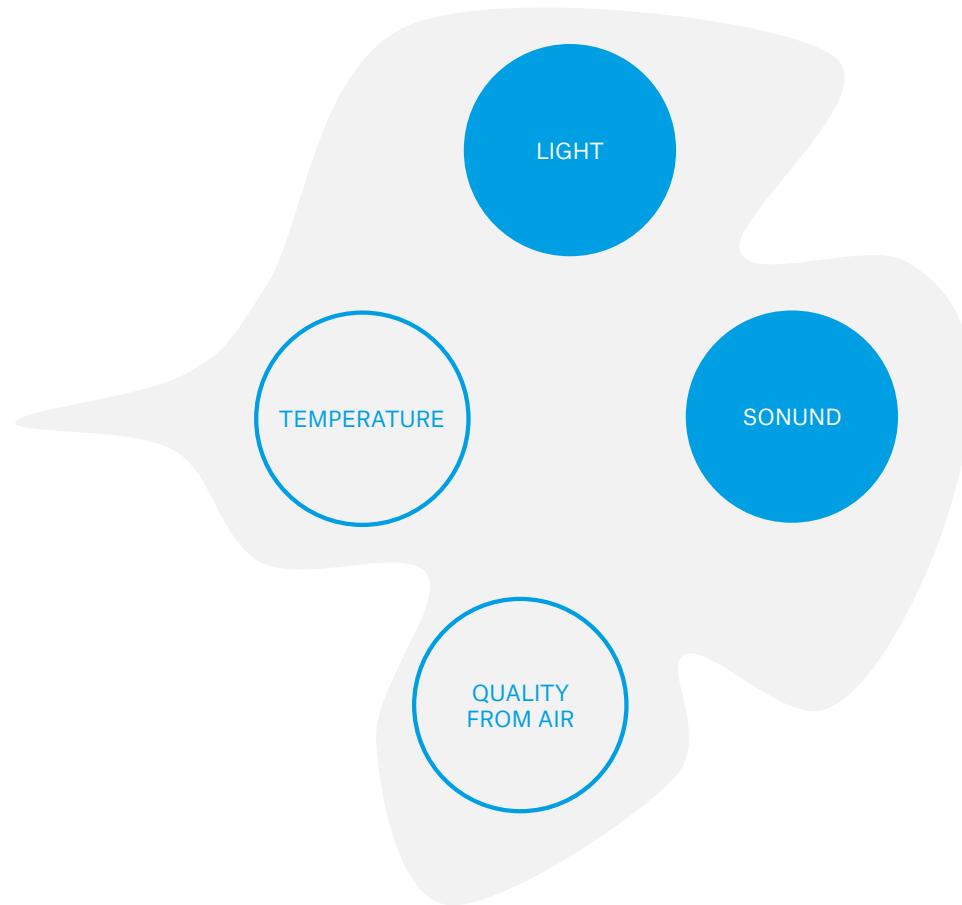
Thermal  
comfort



Lighting  
comfort



Acoustic  
comfort

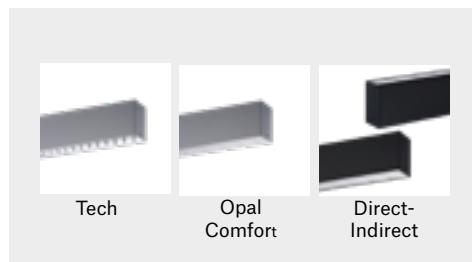




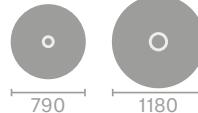
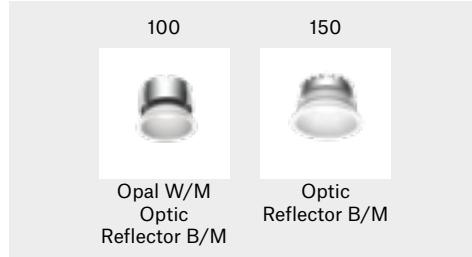
## CONFIGURATOR

### QUIET STANDARD

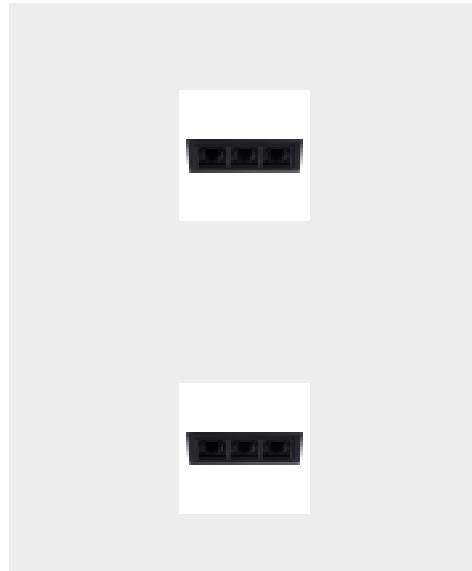
FIL 45



KOMBIC



OCULT



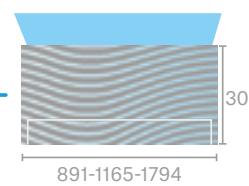
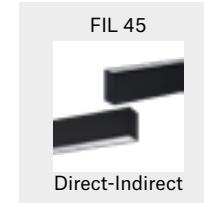
Lamp Worktitude for light

### QUIET CUSTOM

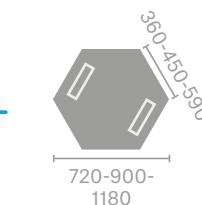
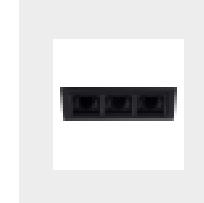
BAFFLE TECH



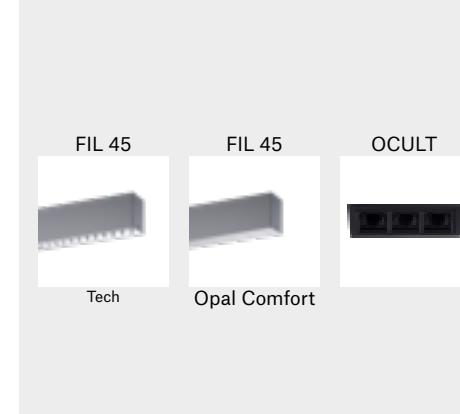
BAFFLE "DIE CUT"



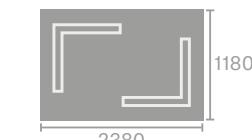
HEXAGON



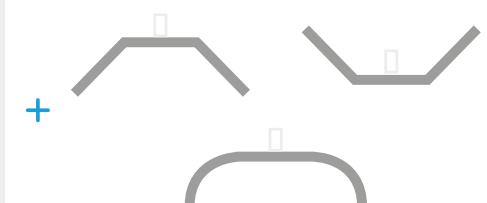
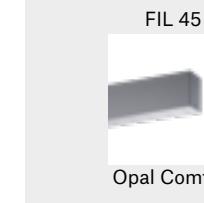
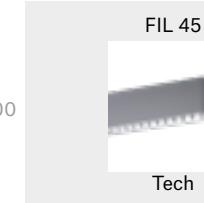
3D



RECTANGLE CORNER



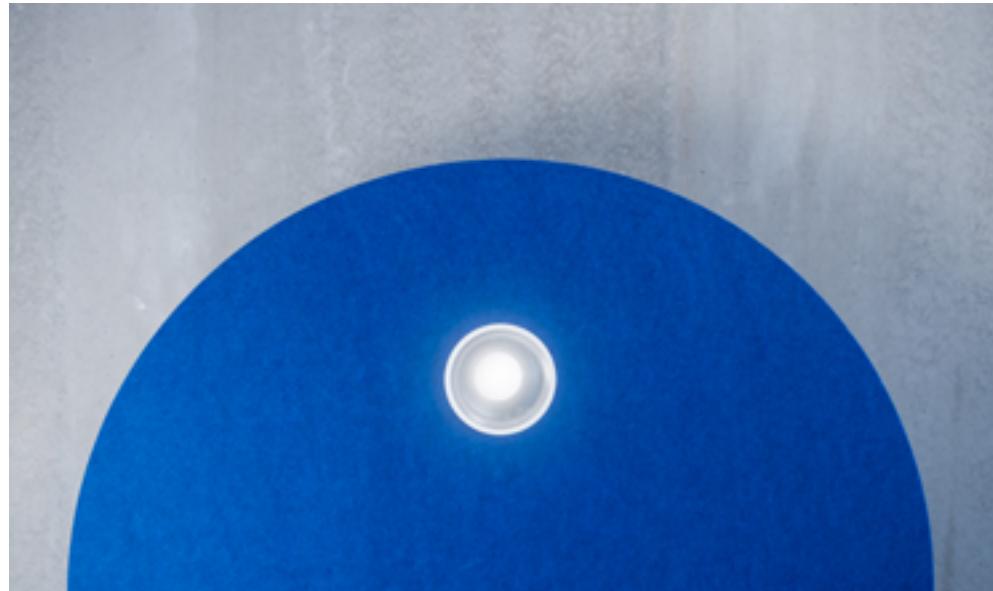
OVAL





# Quiet

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## SOUND-ABSORBING PROPERTIES:

- rPET material:** made of 75% recycled PET plastic
- Sound absorption:** aw 0.6-0.95
- VOC emissions:** LOW VOC (no formaldehyde emissions).
- Fire protection:** B-s1, d0



# Quiet Baffle Fil



FIL 45  
Opal Comfort

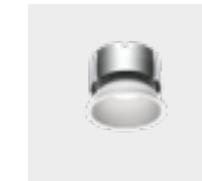




# Quiet Round Kombic



QUIET  
ROUND S

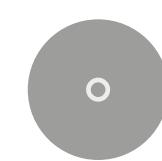


KOMBIC 100  
Opal W/M  
Optic  
Reflector B/M

QUIET  
ROUND L



KOMBIC 150  
Optic  
Reflector B/M



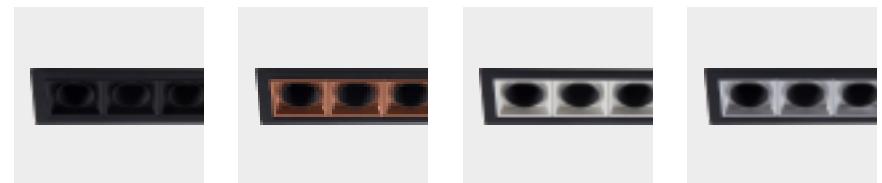
790



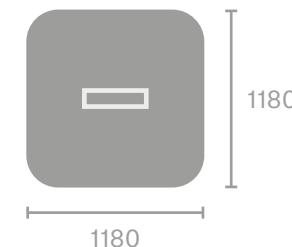
1180



# Quiet Square Ocult

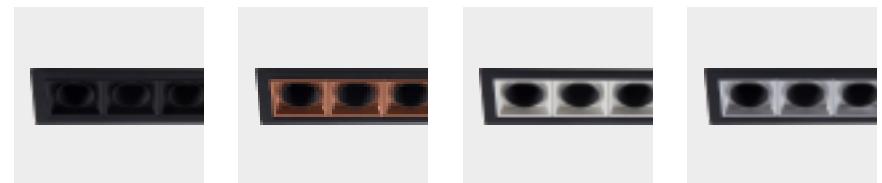


Ocult

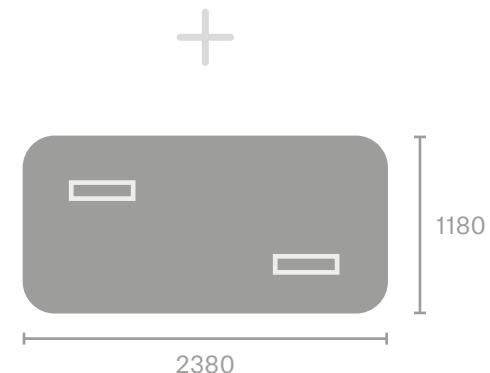




# Quiet Rectangle Ocult



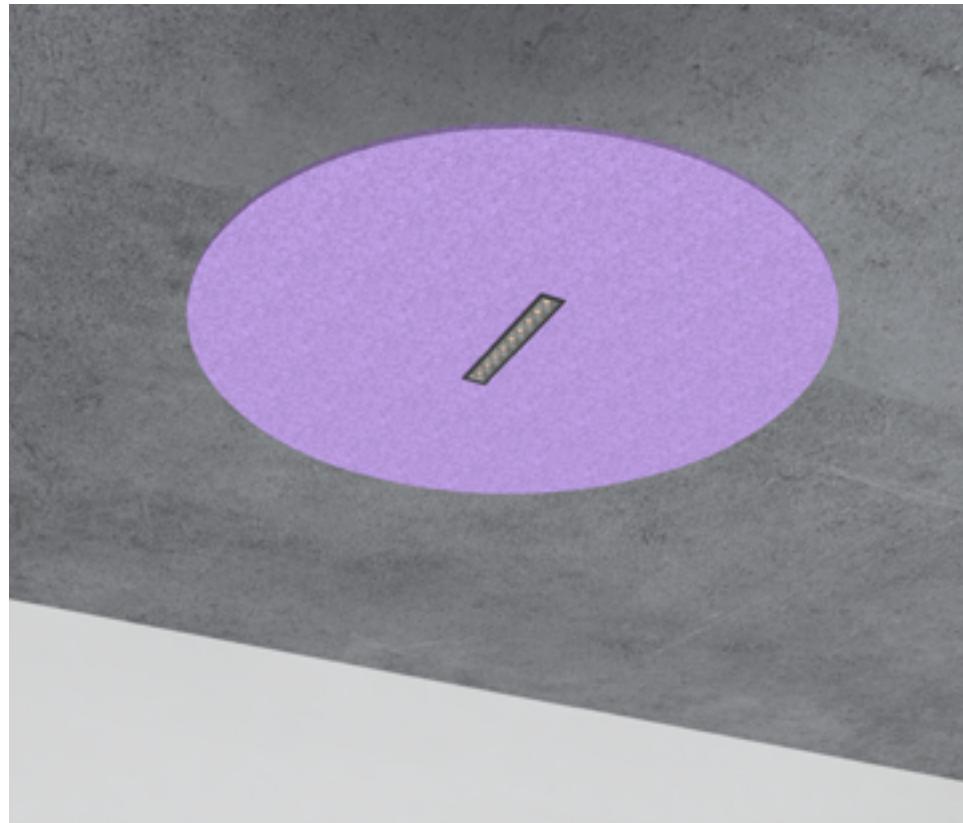
Ocult





# Quiet Custom

Round



Ocult

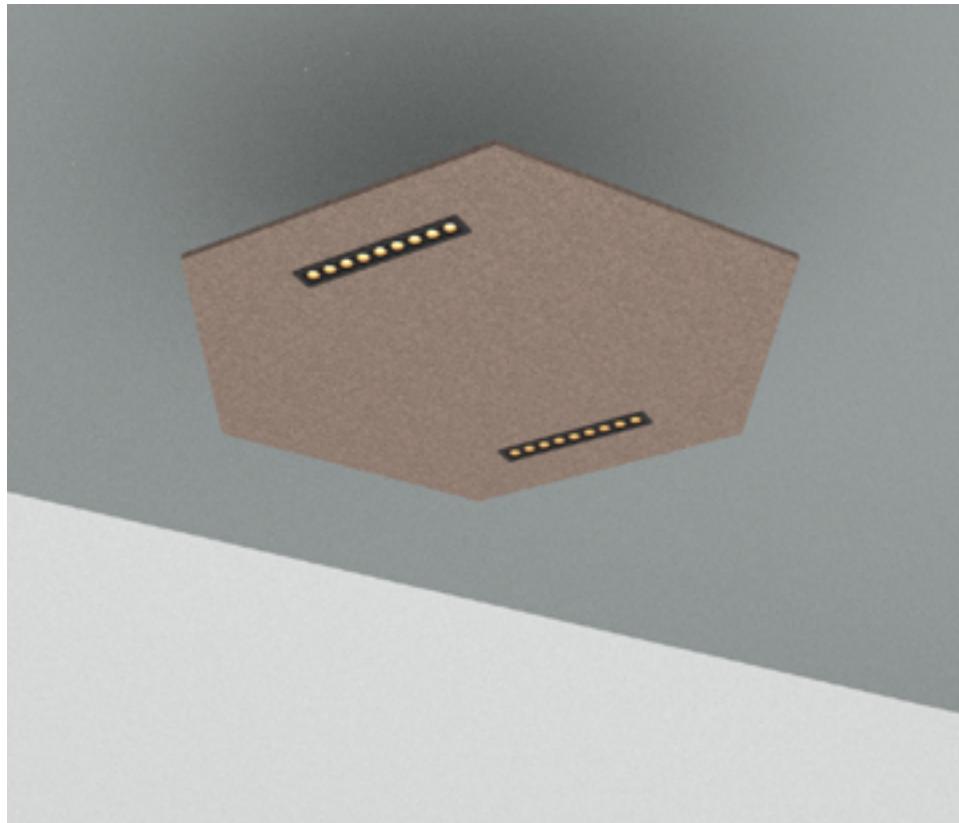


790-1180

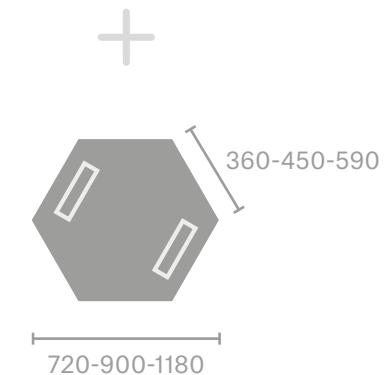


# Quiet Custom

Hexagon



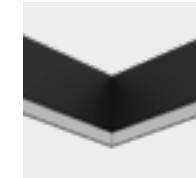
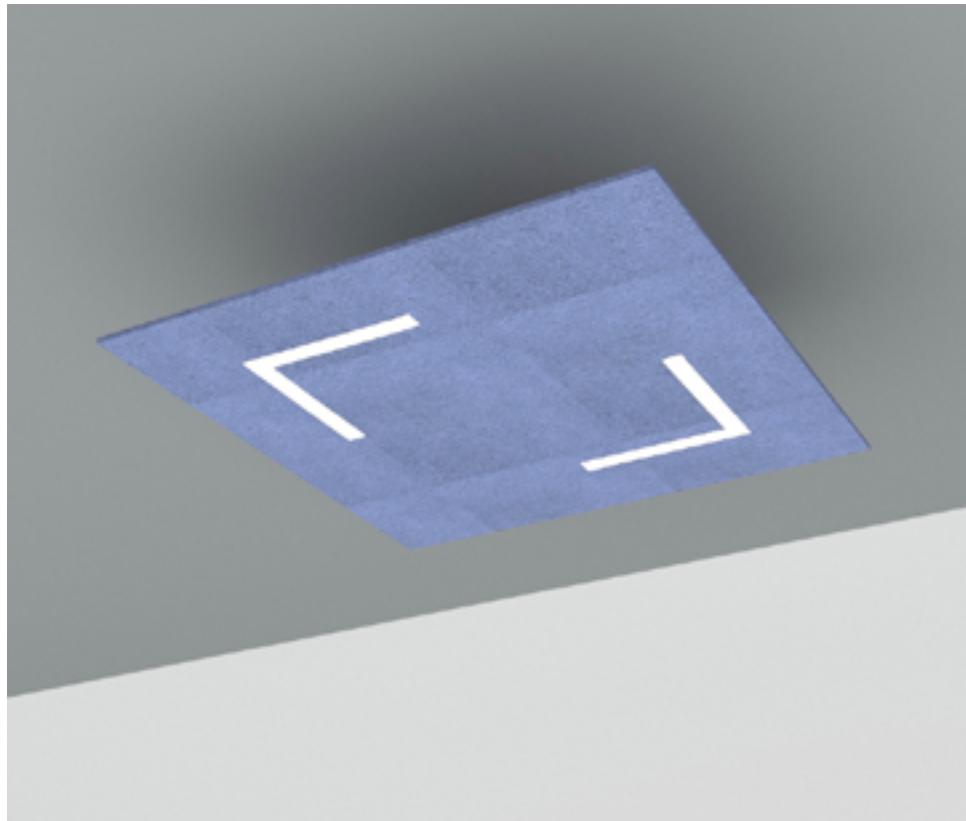
Ocult



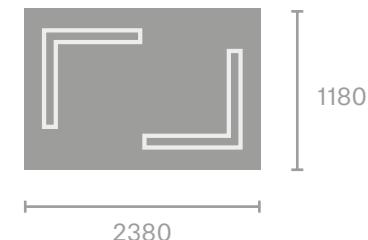


# Quiet Custom

Square/Rectangle Corner



FIL 45  
Corner





# Quiet Custom

Baffle Tech



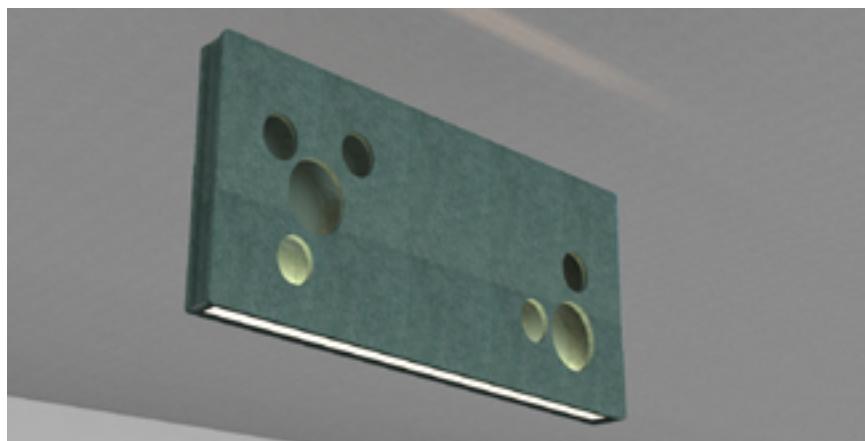
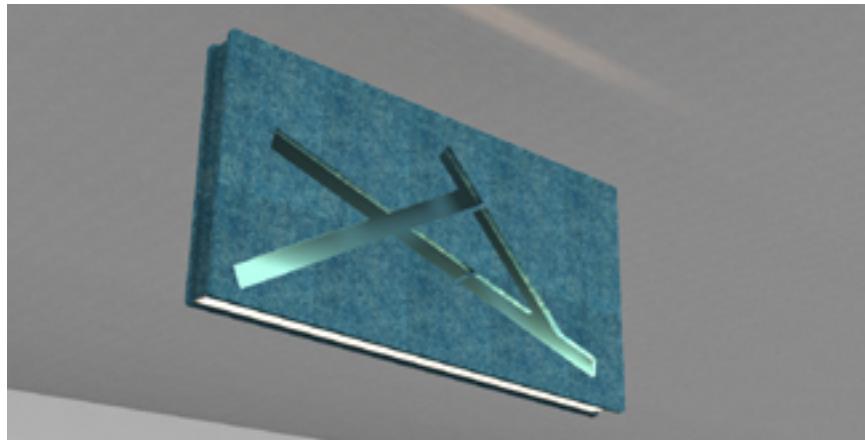
FIL 45  
Tech



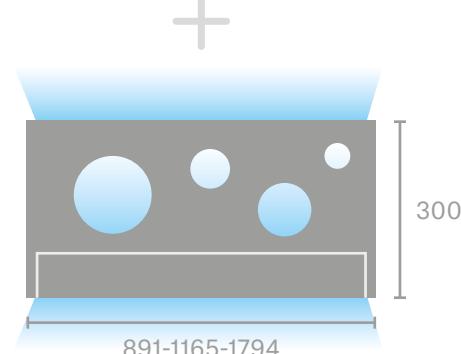


# Quiet Custom

Baffle "Die Cut"



FIL 45  
Direct-Indirect

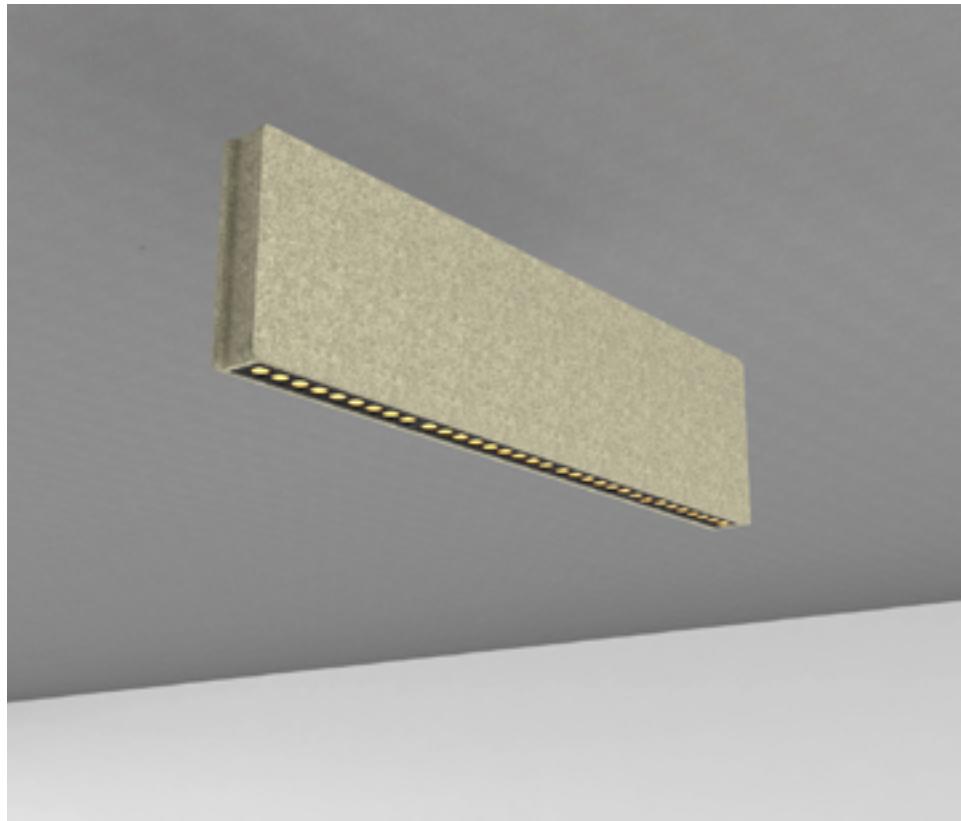


Customised die-cutting as designed

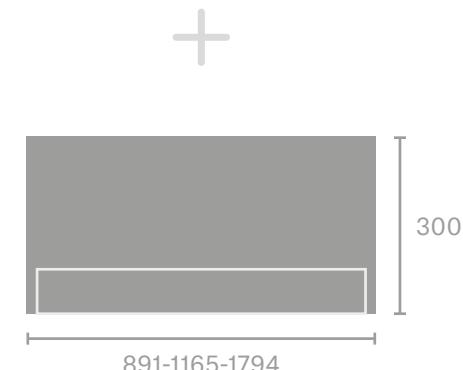


# Quiet Custom

## Baffle occult



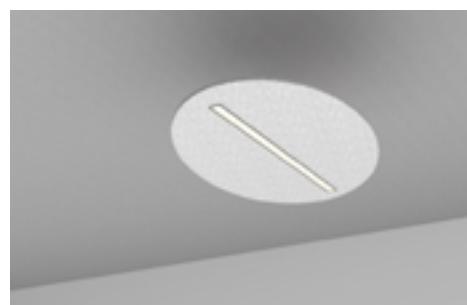
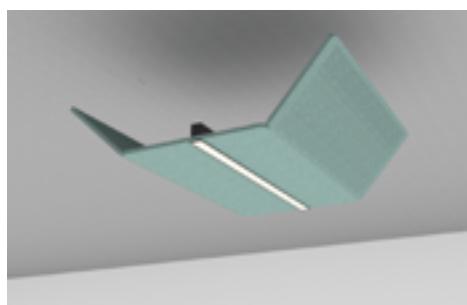
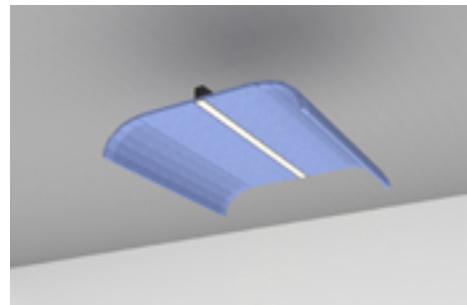
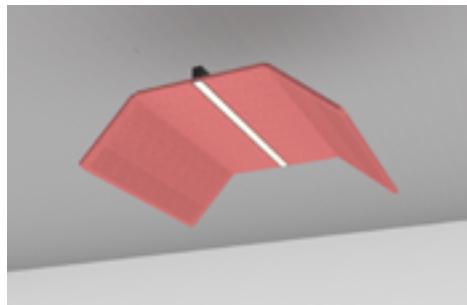
Ocult





# Quiet Custom

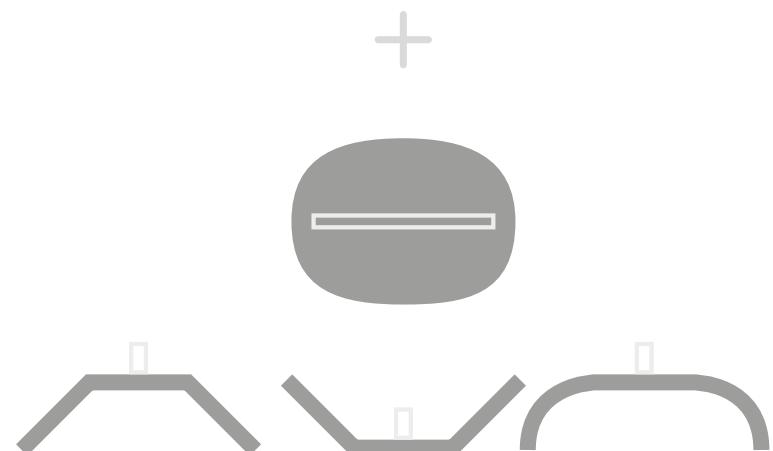
Oval / 3D



FIL 45  
Tech



FIL 45  
Opal Comfort





# QUIET FINISHES

## Colors



Z04 - Light Camel



Z12 - Dark Camel



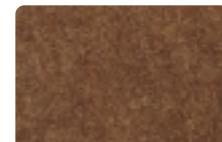
Z32 - Brown



E35 - Dark Coffee



Z28 - Gold Bronze



E23 - Acorn Brown



K10 - Chocolate



K09 - Khaki



E14 - Light Brown



E20 - Desert Brown



Z39 - Red Coffee



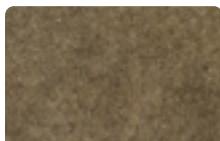
Z33 - Cantaloupe



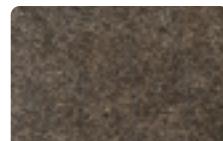
E87 - Light Salmon



Z41 - Milk Coffee



E22 - Dry Ocher



Z34 - Olive Green



K15 - Mustard



K20 - Honeybee Yellow



Z43 - Pistachio



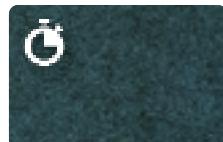
Z51 - Apple Green



K16 - Peppermint



Z17 - Dark Green



E30 - Forest Green



Z10 - Grass Green



E38 - Eucalyptus Green



Z19 - Navy Blue



K14 - Lake Blue



E51 - Saiyan God Blue



K08 - Royal Blue



E46 - Sea Blue



Z25 - Sky Blue



Z14 - Light Blue



K23 - Caribbean Blue



K11 - Watt Grey



Z30 - Water Grey



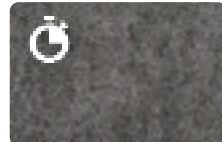
K13 - Black



K05 - Charcoal



Z37 - African Grey



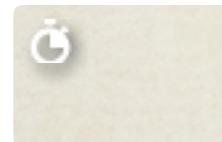
Z36 - Moonlight Grey



Z11 - Marble Grey



Z07 - White



K02 - Creamy White



# Quiet Finishes

## Colors



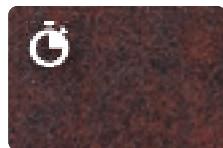
E16 - Vanilla



Z05 - Apricot



Z46 - Orange



E32 - Opera Red



E34 - Hot Chili



E28 - Candy Red



Z24 - Burdeaux



K06 - Vermillion



Z08 - Crimson



25 - Pink



Z50 - Violet



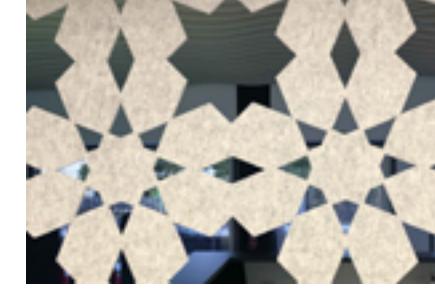
Z49 - Lavender



E31 - Rainy Purple

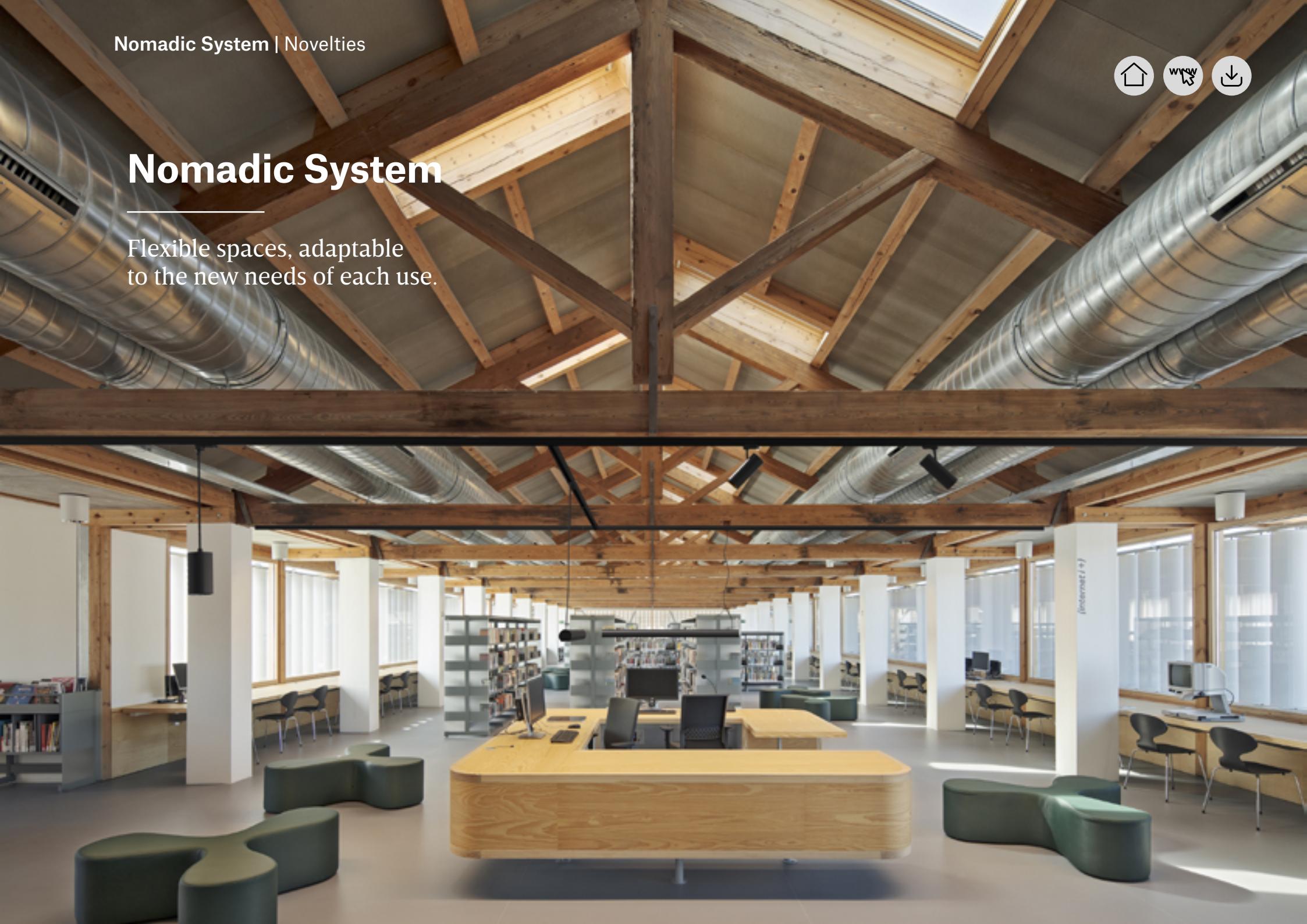
## Customizations

Print  
Beveled  
Die-cut



# Nomadic System

Flexible spaces, adaptable  
to the new needs of each use.



# NS Nomadic System

---



## ● Versatile design

Lighting that adapts to the needs of architectural and lighting design.

## ● Integration in space

Modular system that facilitates any composition and can be easily integrated into multiple types of ceilings.

## ● Ease of installation

Simplification in the coordination of MEP and assembly installations.

## ● Technological variety

Multiple options to cover any need.

## ● Dynamic

Lighting system that easily adapts to special configuration changes.



## ● Sustainability:

Designed under a circular economy concept that facilitates the recovery and reuse of luminaires. Highly energy-efficient system, prioritising the use of sustainable materials.

# NS Nomadic System

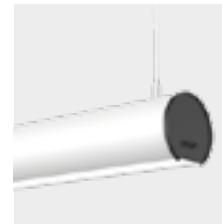
TRACK



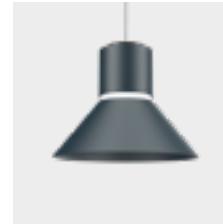
+



LAMPTUB 60



STORMBELL 80



KOMBIC 100



HANCE

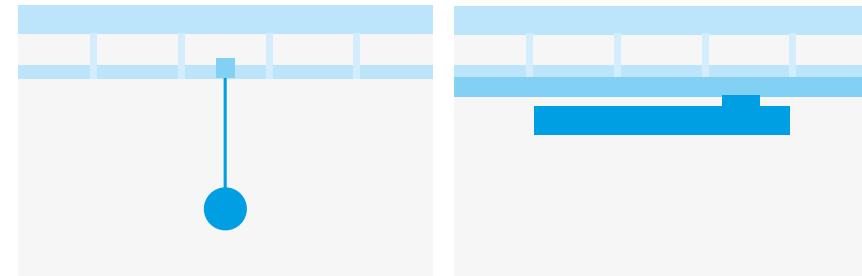


# NS Nomadic System

Versatile design and integration in space

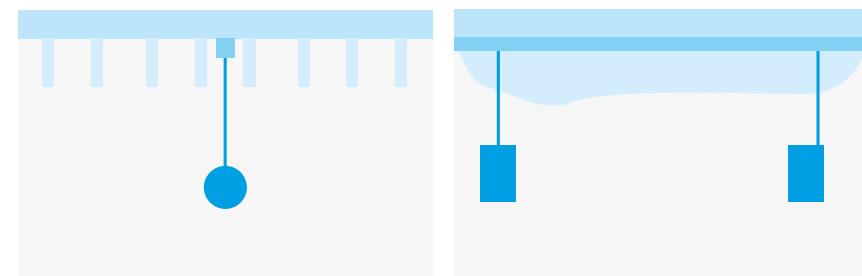


Spaces with visible installations (without false ceiling).



Spaces with hidden installations  
(continuous false ceiling).

Spaces with view installations  
(metal tray).



Spaces with hidden installations  
(slatted false ceiling).

Spaces with view installations  
(multi-format ceilings).

## NS Nomadic System



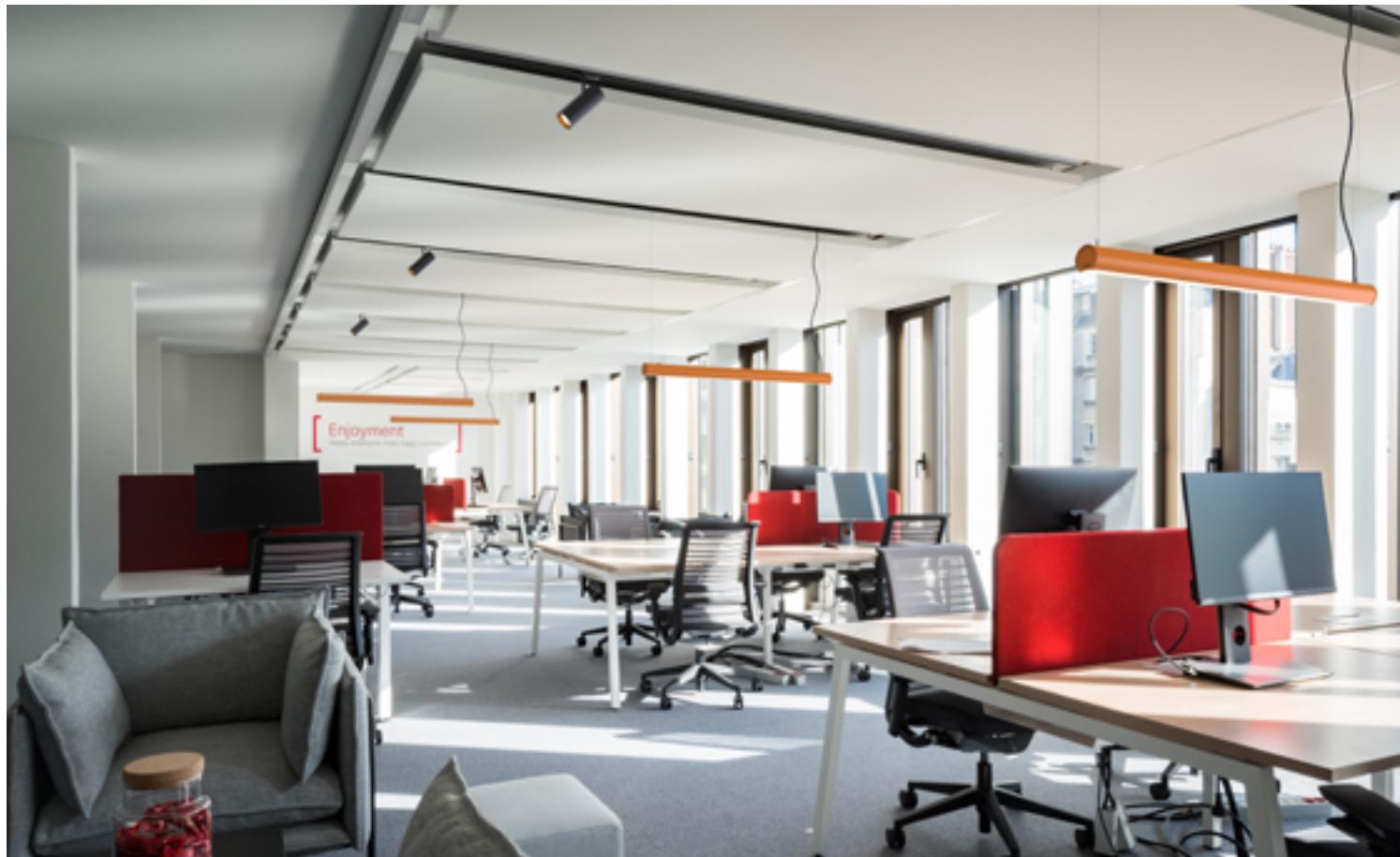
Spaces with hidden installations  
(acoustic louvred false ceiling).



Refurbished spaces (integration into existing structures).

## NS Nomadic System

---

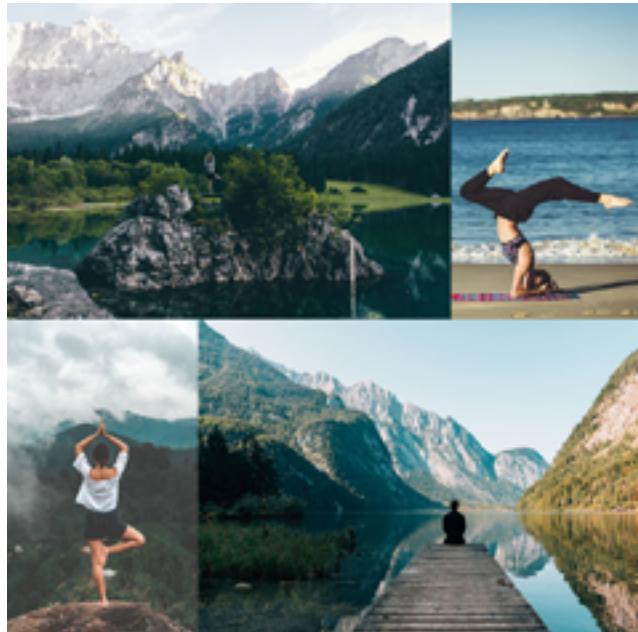


Spaces with semi-concealed installations (large format acoustic panels).



# Palettes

Wellbeing



Be Social



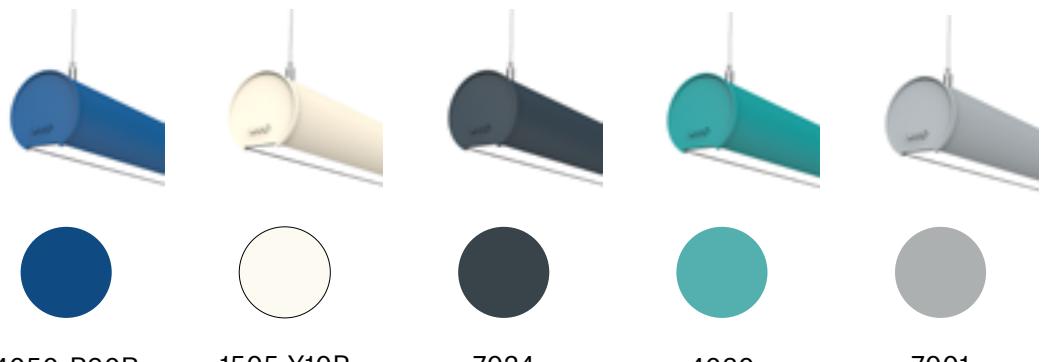
Materiality





# Wellbeing

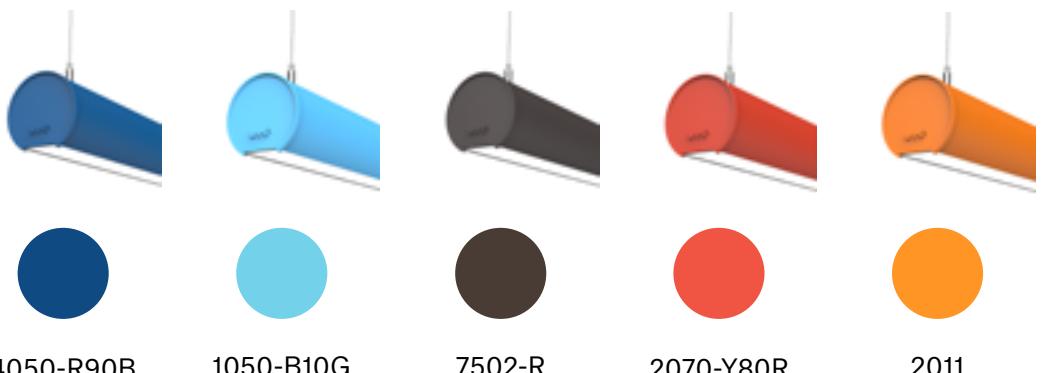
Physical and emotional wellbeing





# Be Social

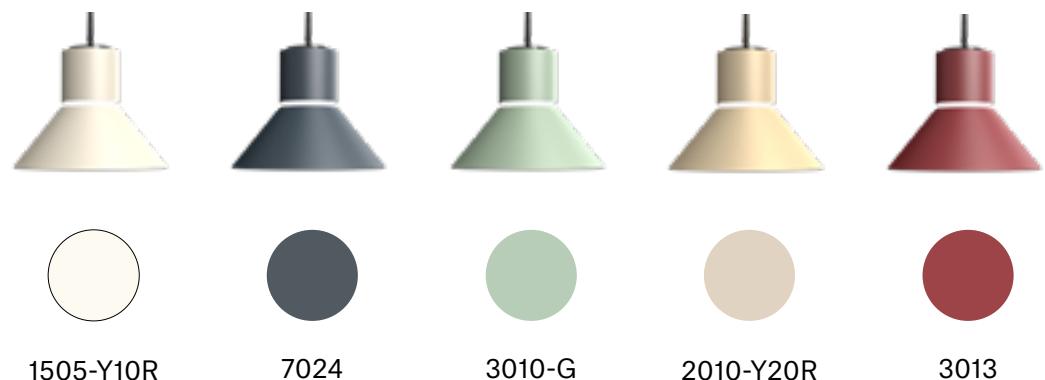
## Interrelations





# Materiality

Recovery of materiality, real experiences





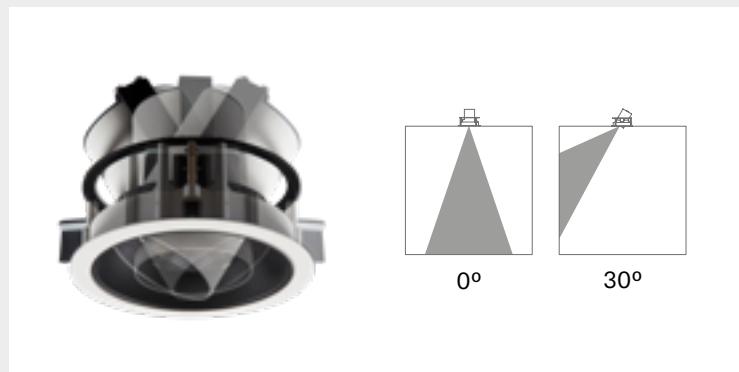
## Hance Downlight

*"Our commitment to the future"*

With a design based on integration within retail spaces, a new family of accent lighting has been created which is characterised by its wide range and comprehensive applications. An unmistakable technological investment towards an endless horizon of possibilities.

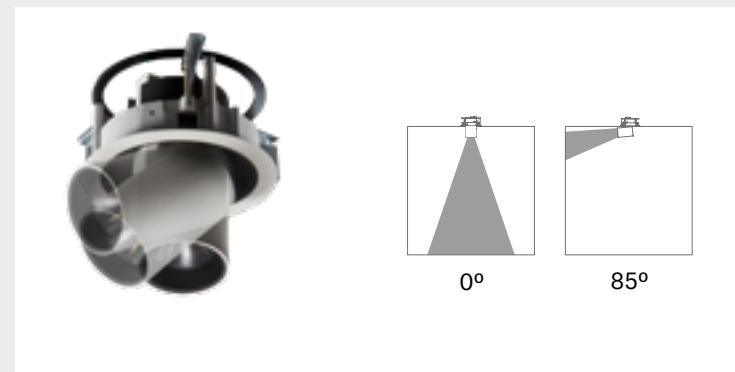
*Design by Lamp*





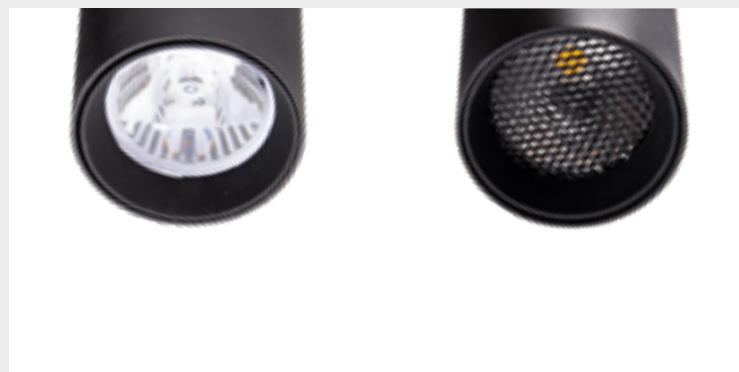
## Integrated model

With a rotation of between 0° to 30° for when the product needs to be hidden and maximum spatial integration is needed.



## Semi-recessed model

With a rotation of between 0° to 85° for larger lighting direction requirements. For shelf lighting that requires an even distribution of light along vertical surfaces.



## Decorative rings and accessories

Interchangeable and customisable rings which allow us to incorporate various optical accessories and adapt to the lighting requirements of each space in a consistent and emotive manner.



## Integration with modularity

The design of this product allows for maximum integration and allows it to be switched between semi-recessed or integrated, without needing to dismantle the external recess ring.



Models	REC 1000/2000	SEMI-REC 1000/2000	REC 3000/4000	SEMI-REC 3000/4000
Dimensions				
Lm LED	1000 lm - 2000 lm		3000 lm - 4000 lm	
CRI	80 / 90	80		
Beam angle	SSP 10°  SP 16°  MFL 23°  FL 34°		SP 16°  MFL 23°  FL 32°	
Color temp.	2700 / 3000 / 4000 K			
Gear	ON/OFF - DALI			
Power	7 - 18 W		25 - 35 W	
Finishes	<input checked="" type="radio"/> Black 03 <input type="radio"/> White 03			
Acc. Finishes	<input checked="" type="radio"/> Black 03 <input type="radio"/> White 03	<input type="radio"/> Silver Metalized <input checked="" type="radio"/> Copper Metalized		

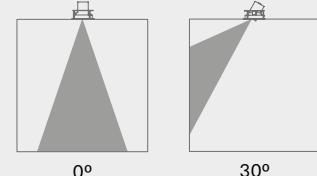


## Recessed

1000 / 2000 Lm LED - 64 models



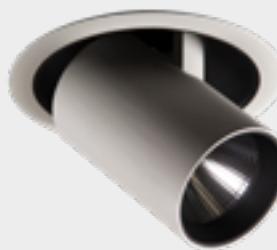
3000 / 4000 Lm LED - 48 models



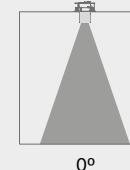
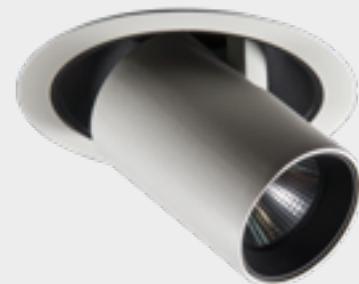
With a rotation of between 0° to 30° for when the product needs to be hidden and maximum spatial integration is needed.

## Semi-Recessed

1000 / 2000 Lm LED - 64 models



3000 / 4000 Lm LED - 48 models



With a rotation of between 0° to 85° for larger lighting direction requirements. For shelf lighting that requires an even distribution of light along vertical surfaces.

+ TECHNICAL INFORMATION



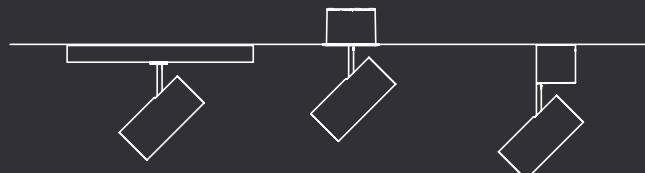


# Hance Spotlight

*"Our commitment to the future"*

With a design based on flexibility within retail spaces, a new family of accent lighting has been created which is characterised by its wide range and comprehensive applications. An unmistakable technological investment towards an endless horizon of possibilities.

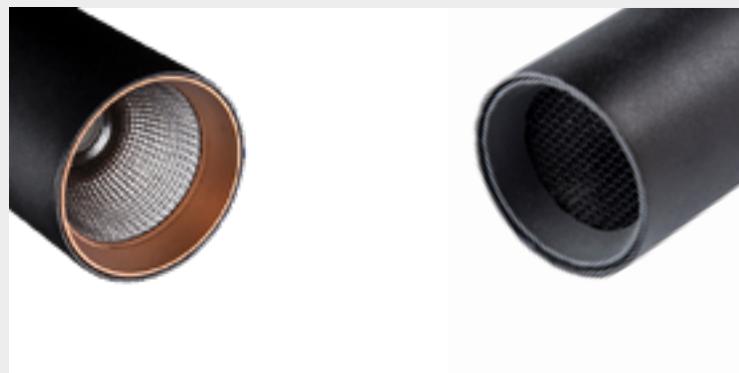
*Design by Lamp*





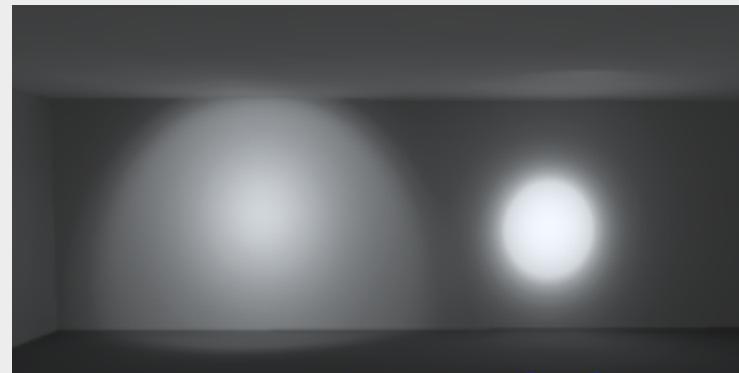
### Compact design

A design that integrates the driver into a single unit, seeking minimal visual impact with a non-intrusive swivel arm design. It vanishes, unnoticed, thanks to its good design and thermal management.



### Decorative rings and accessories

Interchangeable and customisable rings which allow us to integrate various optical accessories and adapt to the lighting requirements of each space in a consistent and emotive manner.



### Lighting versatility

A wide range of photometric distributions with models from 10 to 40 degrees.



### Spatial integration

48 V models with track-based fixtures that seek maximum spatial integration with a miniature design that is non-intrusive in its surroundings.

**Models**

1000



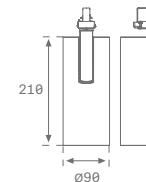
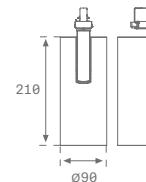
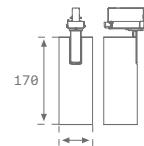
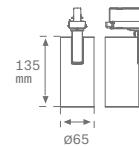
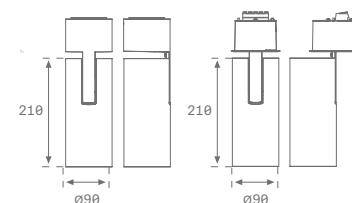
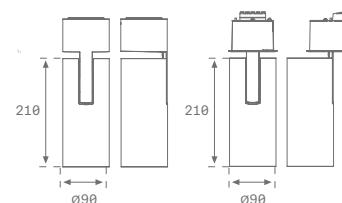
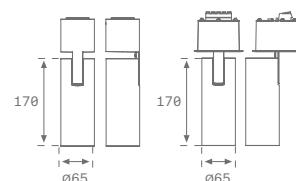
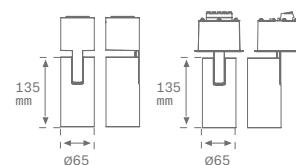
2000



3000



4000

**Dimensions**  
**Track****Dimensions**  
**Surface**  
**Semi-Recessed****Lm LED**

1000 lm

2000 lm

3000 lm

4000 lm

**CRI**

80 / 90

**Beam angle****Color temp.**

3000 / 4000 K

**Gear**

ON/OFF - DALI

**Power**

7 W

18 W

25 W

35 W

**Finishes** Black 03 White 03**Acc. Finishes** Black White Silver Metalized Copper Metalized



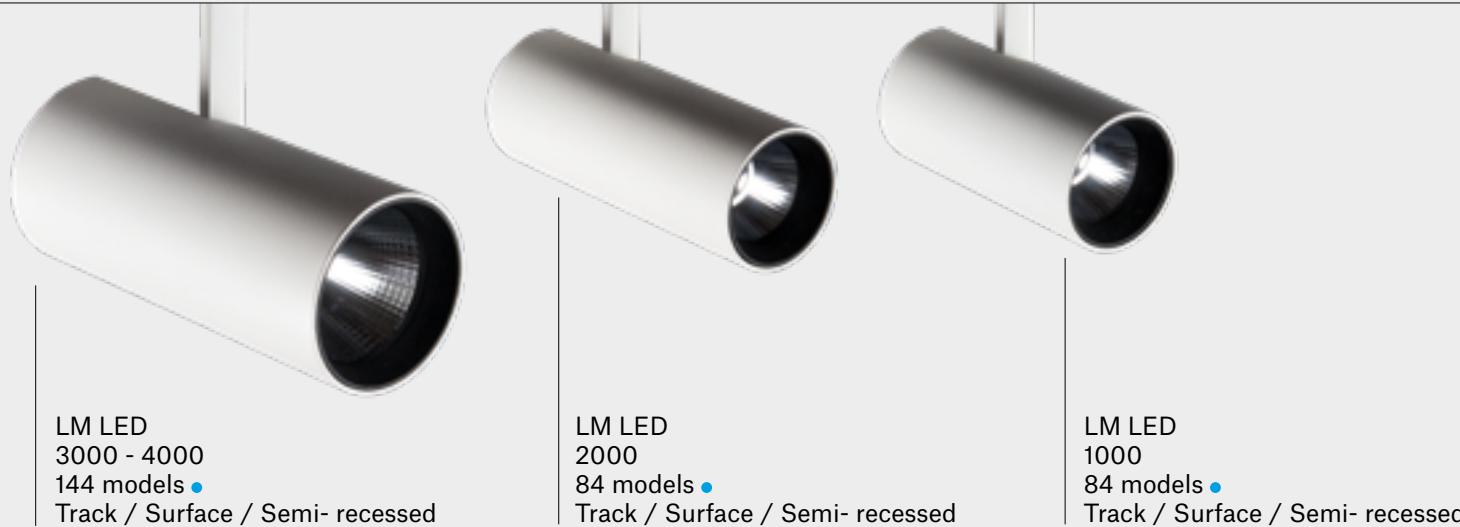
## Hance 1000 Lm





## Hance Spotlight Family

### HANCE TRACK



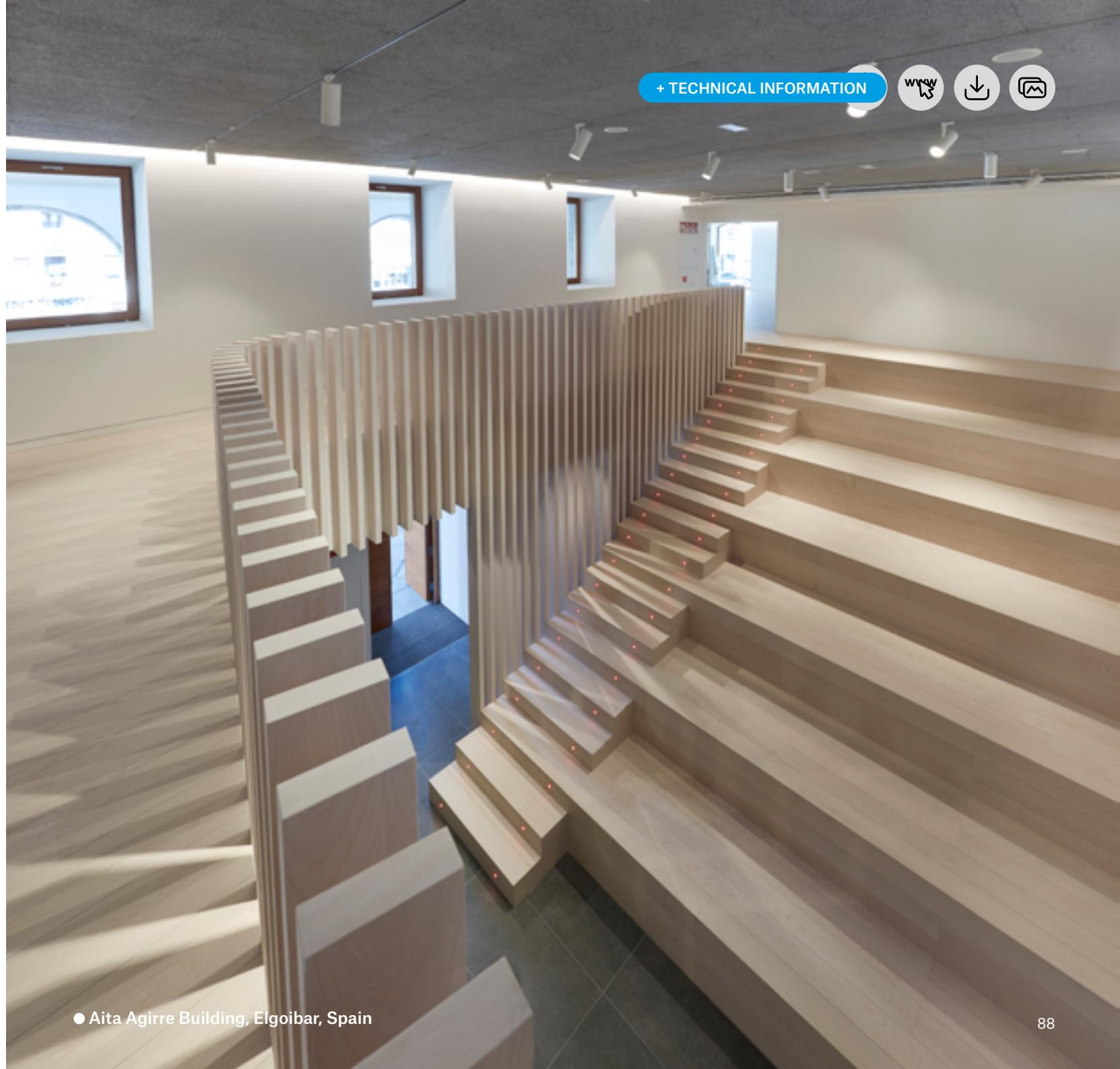
### HANCE SURFACE



### HANCE SEMI-RECESSED



+ TECHNICAL INFORMATION



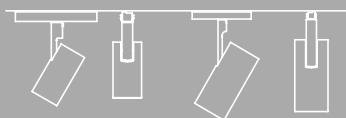


## Hance 48V

*"The importance of details"*

The miniaturisation of this spotlight plays a key role within the Hance product family. It speaks directly to those users who know that details matter, as it blends in perfectly with the most demanding spaces thanks to its wide range of finishes.

*Design by Lamp*

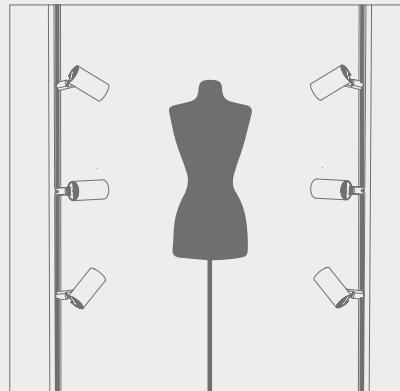




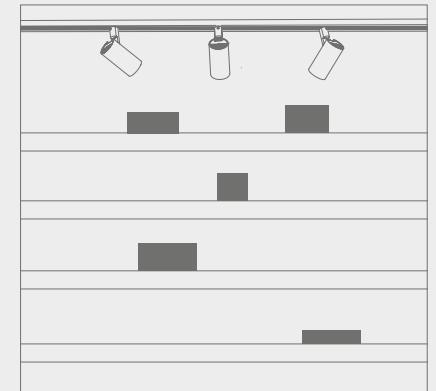
LM LED  
1000 - 2000  
96 models •  
48V Track

LM LED  
500  
36 models •  
48V Track

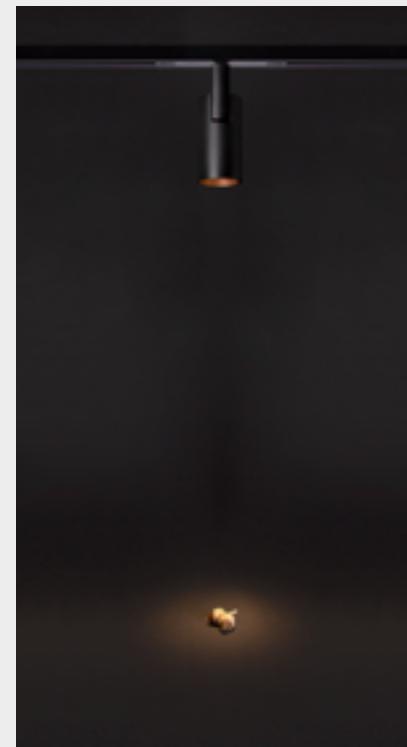
## Applications



Displays



Shelving

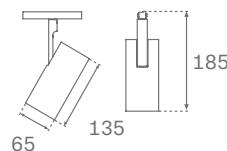
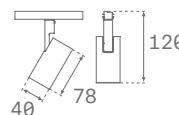


**Models**

500



1000/2000

**Dimensions****Lm LED** 500 lm

1000 lm - 2000 lm

**CRI** 80**Beam angle****Color temp.** 2700 / 3000 / 4000 K**Gear** ON/OFF - DALI**Power** 5 W 8 - 18 W**Finishes** ● Black 03 ○ White 03**Acc. Finishes** ● Black ○ White ● Silver Metalized ● Copper Metalized



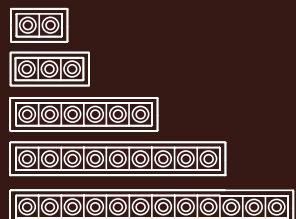


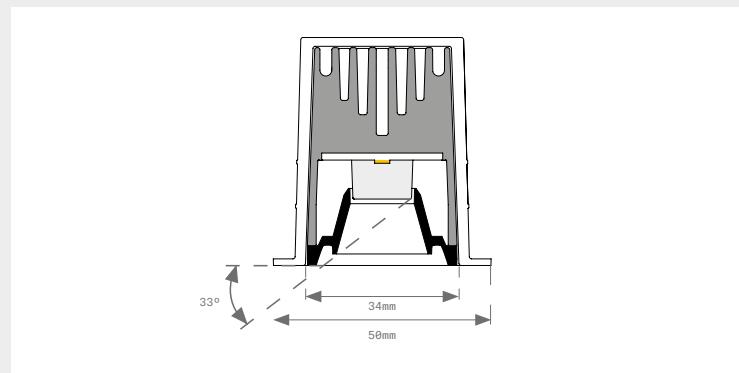
# Ocult Downlight

*"Versatile lighting with the highest comfort"*

A modular downlight concept has been created with visual comfort as its design starting point, offering excellent lighting versatility under minimal formal expression, with the possibility to choose between accent or general lighting, as well as a wide variety of lengths, modular layouts and finishes.

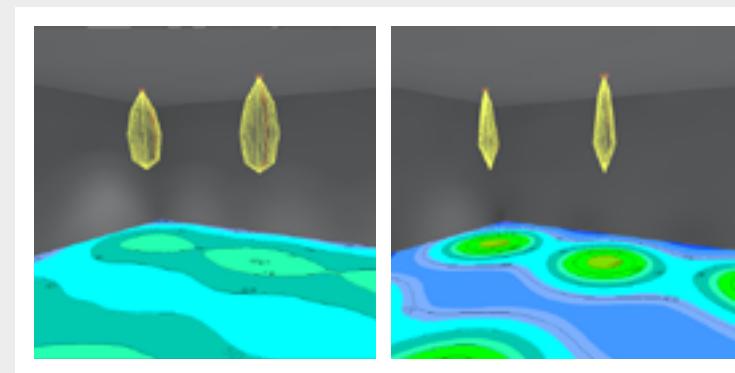
*Design by Lamp*





## High visual comfort

The optical design is carried out by means of a lens and a 33° cut off, making it possible to offer a high visual comfort with a <19 or <15 UGR (for 4H, 8H 70/50/20) depending on the optics.



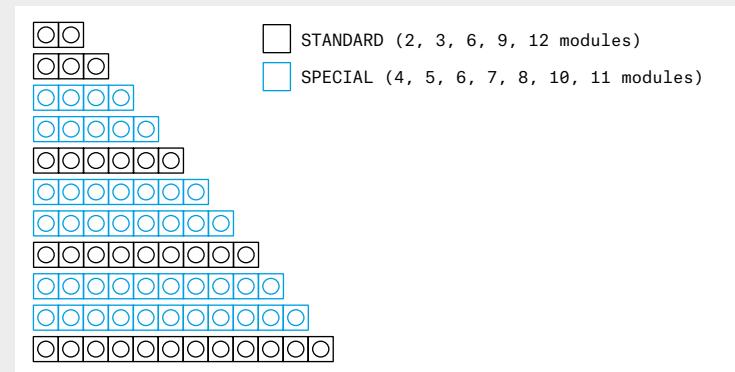
## Versatility in lighting applications

Thanks to its wide range of flows and openings: MFL (24°) and WFL (48°) it can be used both for general lighting spaces with a uniform light, and for hospitality spaces where contrasts of light are required.



## Link with interior design

The interchangeable front trim system makes it possible to link light aesthetics with context, and offers trimless solutions for less impact on space.

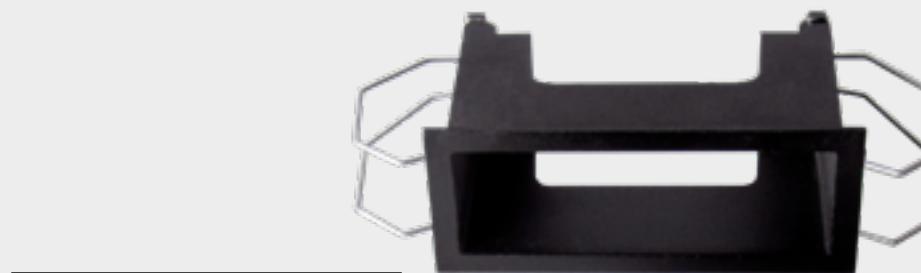


## Customisable length

Its technical concept enables for the customisation of its length to better adapt to the specific needs of each project.



Models	2 MODULES	3 MODULES	6 MODULES	9 MODULES	12 MODULES
				REF	
Dimensions Frame	 83mm 50 34	 116mm 50 34	 215mm 50 34	 314mm 50 34	 413mm 50 34
Dimensions Trimless	 66mm 34	 99mm 34	 198mm 34	 297mm 34	 396mm 34
Lm LED	400 lm	600 lm	1200 lm	1800 lm	2400 lm
CRI	80				
Beam angle	 MFL 24°  WFL 48°				
Color temp.	3000 / 4000 K				
Gear	ON/OFF - DALI				
Power	4 W	6 W	12 W	18 W	24 W
Finishes	<input checked="" type="radio"/> Black 03	<input type="radio"/> White 03			
Acc. Finishes	<input type="radio"/> White 03	<input type="radio"/> Silver Metalized	<input checked="" type="radio"/> Copper Metalized		



Installation Frame



Extruded heat sink body  
Allows modularity

PCB with HI-POWER LED

3000K - CRI80  
4000K - CRI80

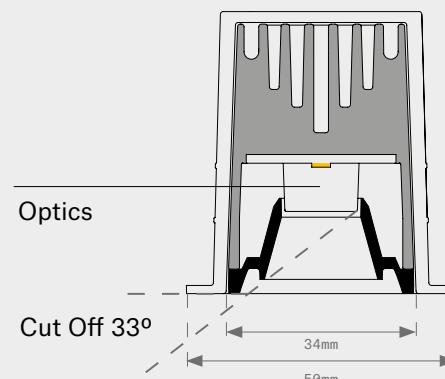


Optics



High glare comfort reflector

- White
- Black
- Silver Metallized
- Copper Metallized



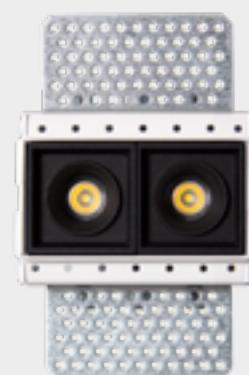


## Installation

Frame



Trimless



## Finishes



## Modulation



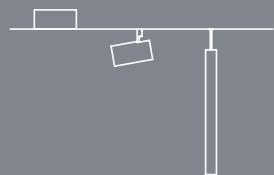


# Ocult System

*"Imagine the solution, we'll make it happen"*

The multiple needs that can arise in a versatile and multipurpose space, solved in a simple yet elegant way: A system that makes it possible to create accent lighting or general lighting thanks to the integration of modular downlight, suspended luminaires, or projectors. Imagine the solution, we'll make it happen.

*Design by Lamp*

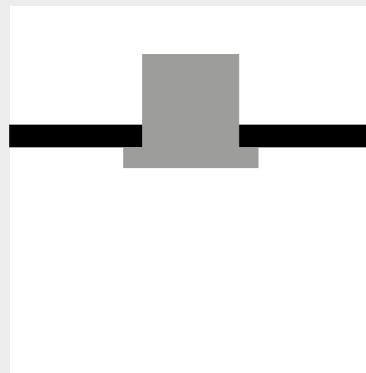




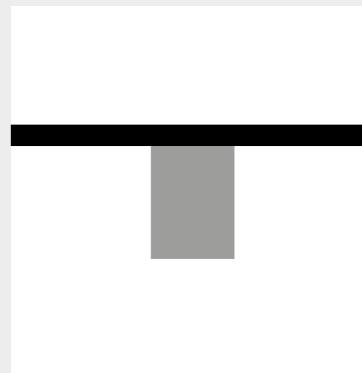
## Configuration

[Web configurator](#)

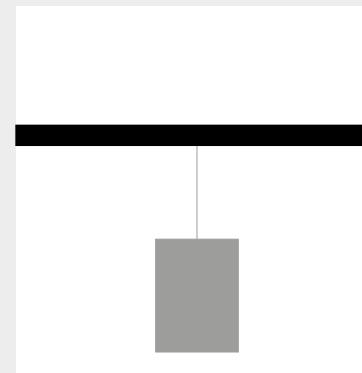
### 1. Installation



Recessed

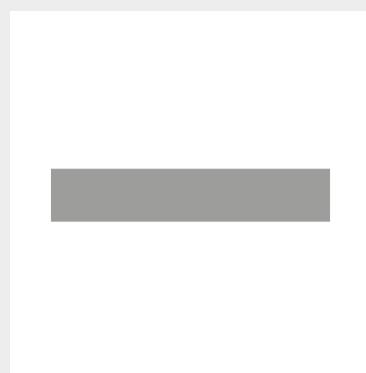


Surface



Suspended

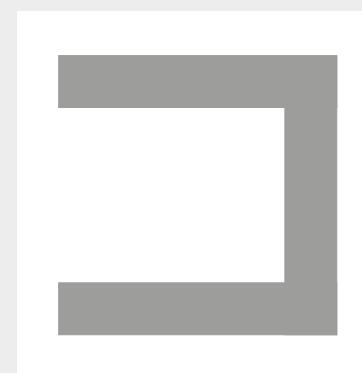
### 2. Format



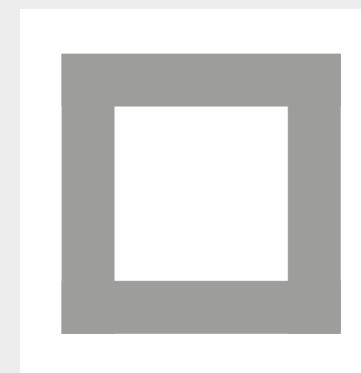
Linear



Corner



U Format



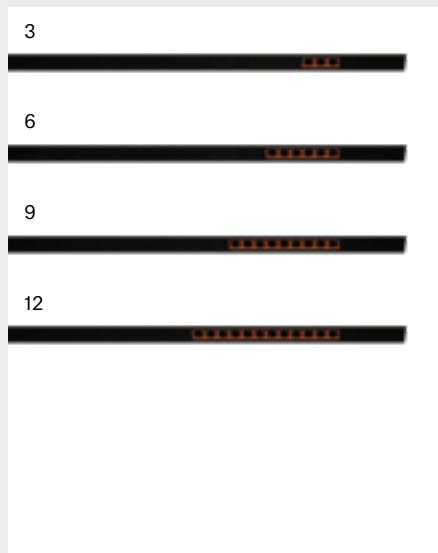
Square



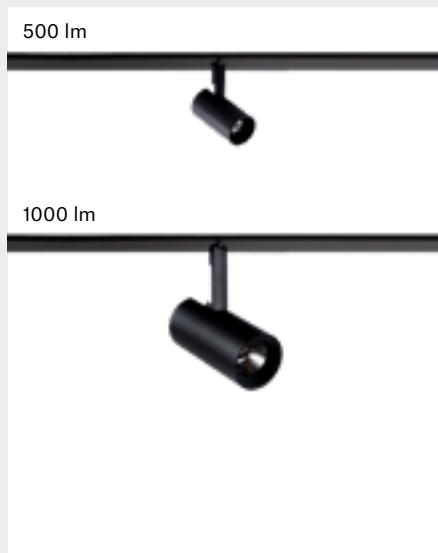
Customizable



## 3. Light Modules



Downlight

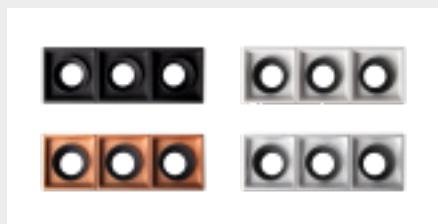


Spotlight



Pendular

## 4. Accessories

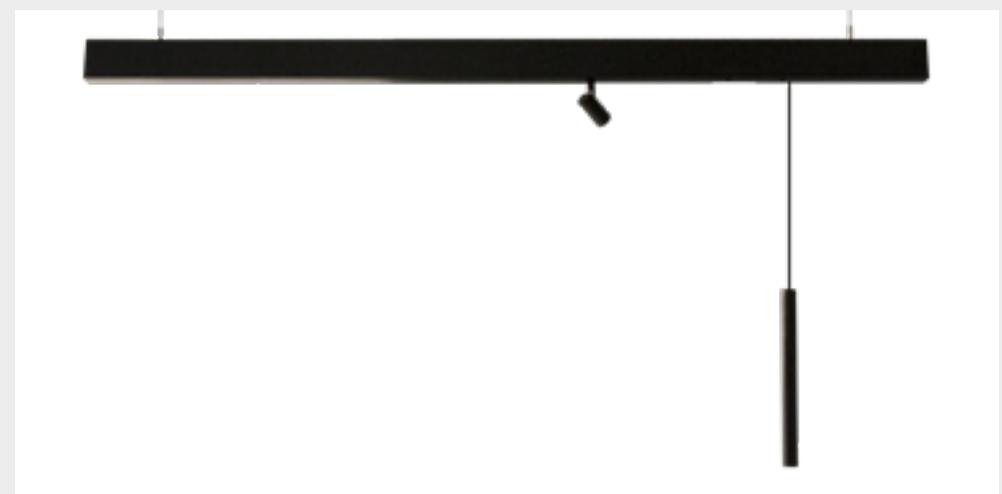


Downlight



Spotlight

## 5. Solution





## Application versatility

It offers solutions for vertical and horizontal planes within the same system, with solutions for accent, general, and hanging lightning.



## Retractable lid

The lid's double height enables a better integration of the components in the profile, as well as a reduction of the product's impact within the space.



## Formal consistency

All the system components can be combined with their cylindrical and miniaturised format within the same formal consistency and with decorative accessories with different finishes that enable their customisation.

**Models**

DLWNLIGHT



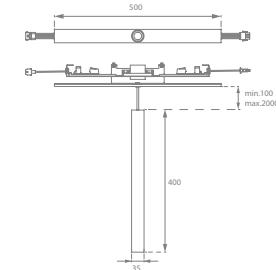
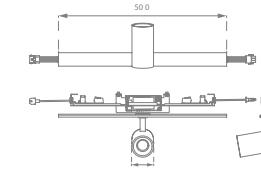
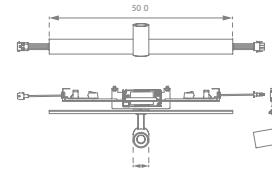
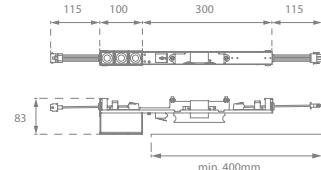
SPOTLIGHT 500



SPOTLIGHT 1000



PENDULAR

**Dimensions****Lm LED** 600 lm - 2400 lm

500 lm

500 lm - 1000 lm

500 lm

**CRI** 80**Beam angle****Color temp.** 3000 / 4000 K**Gear** ON/OFF - DALI**Power** 6 - 24 W

5 W

8 - 9 W

4 W

**Finishes** ● Black 02**Acc. Finishes** ● Black 02

○ White 02

● Silver Metalized

● Copper Metalized

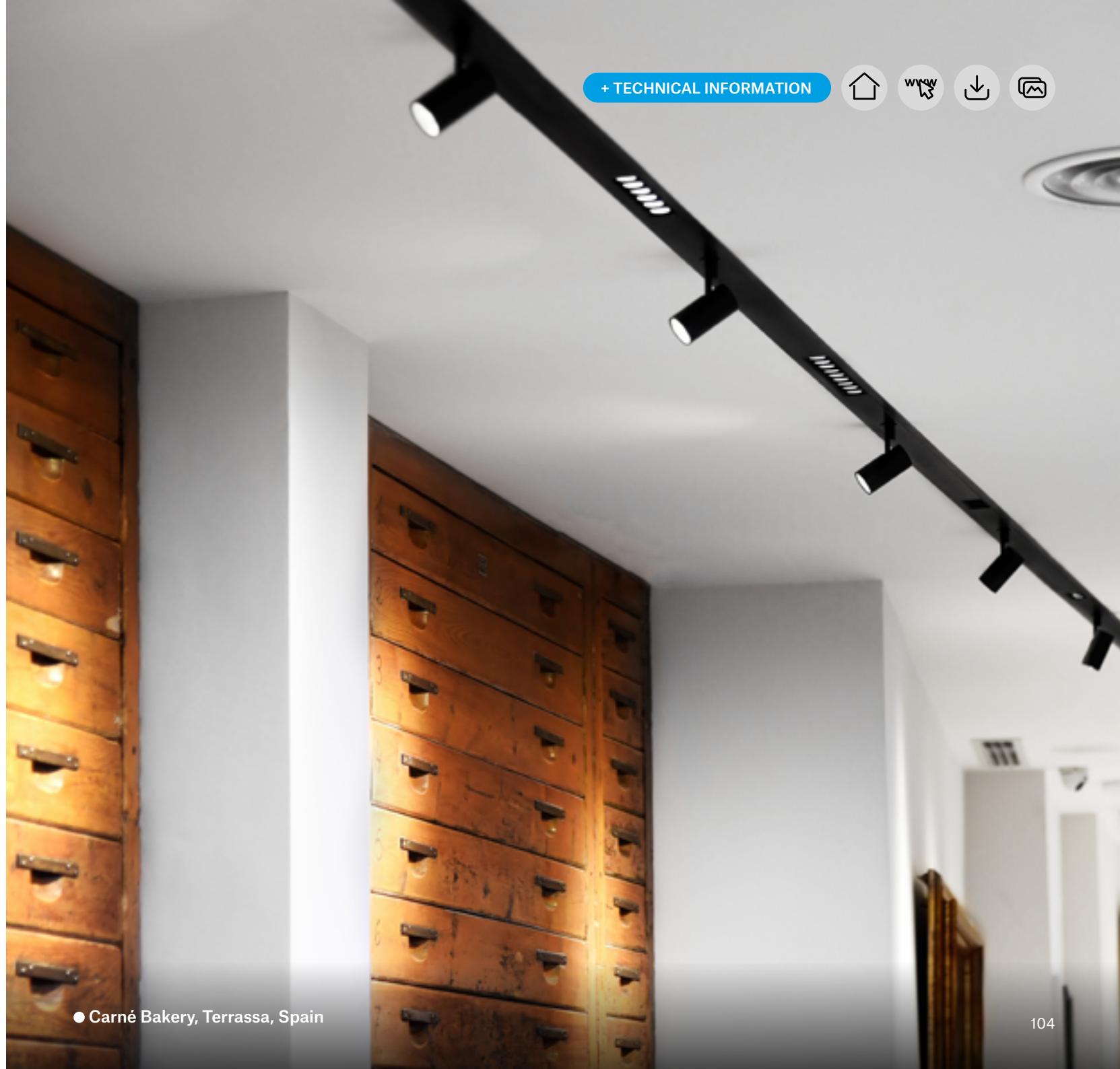
● Black 03

○ White 05

## Ocult System

+ TECHNICAL INFORMATION







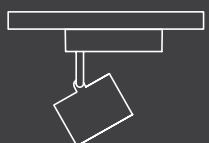
# Imag

*“Functionality and technology”*

With a neutral design, Imag combines technological improvements with the performance of its best predecessors.

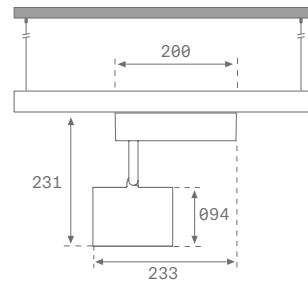
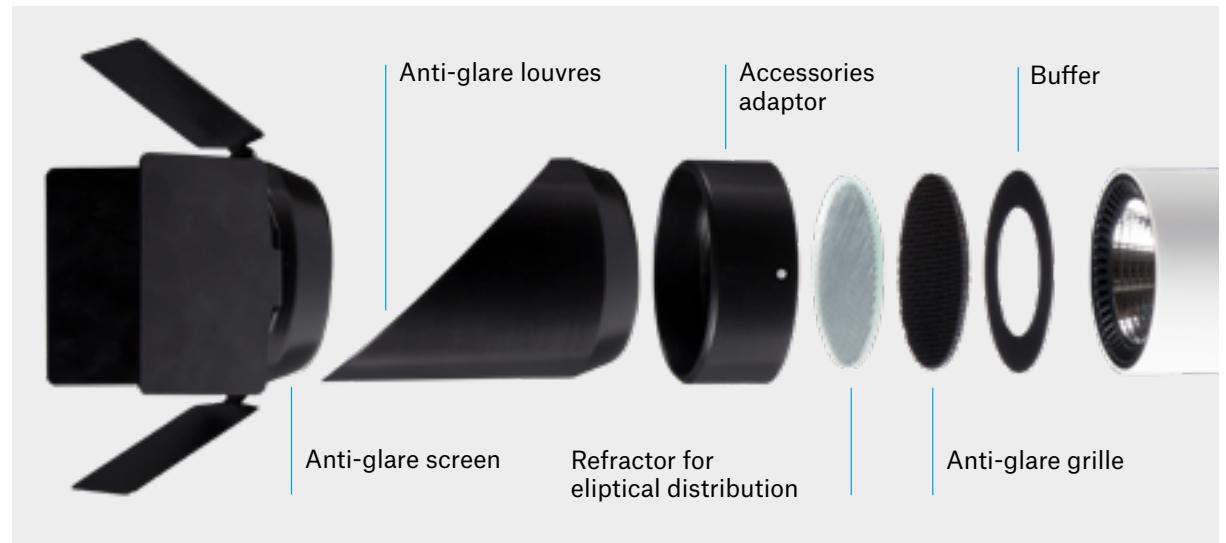
It is a product in constant technical evolution.

*Design by Lamp*

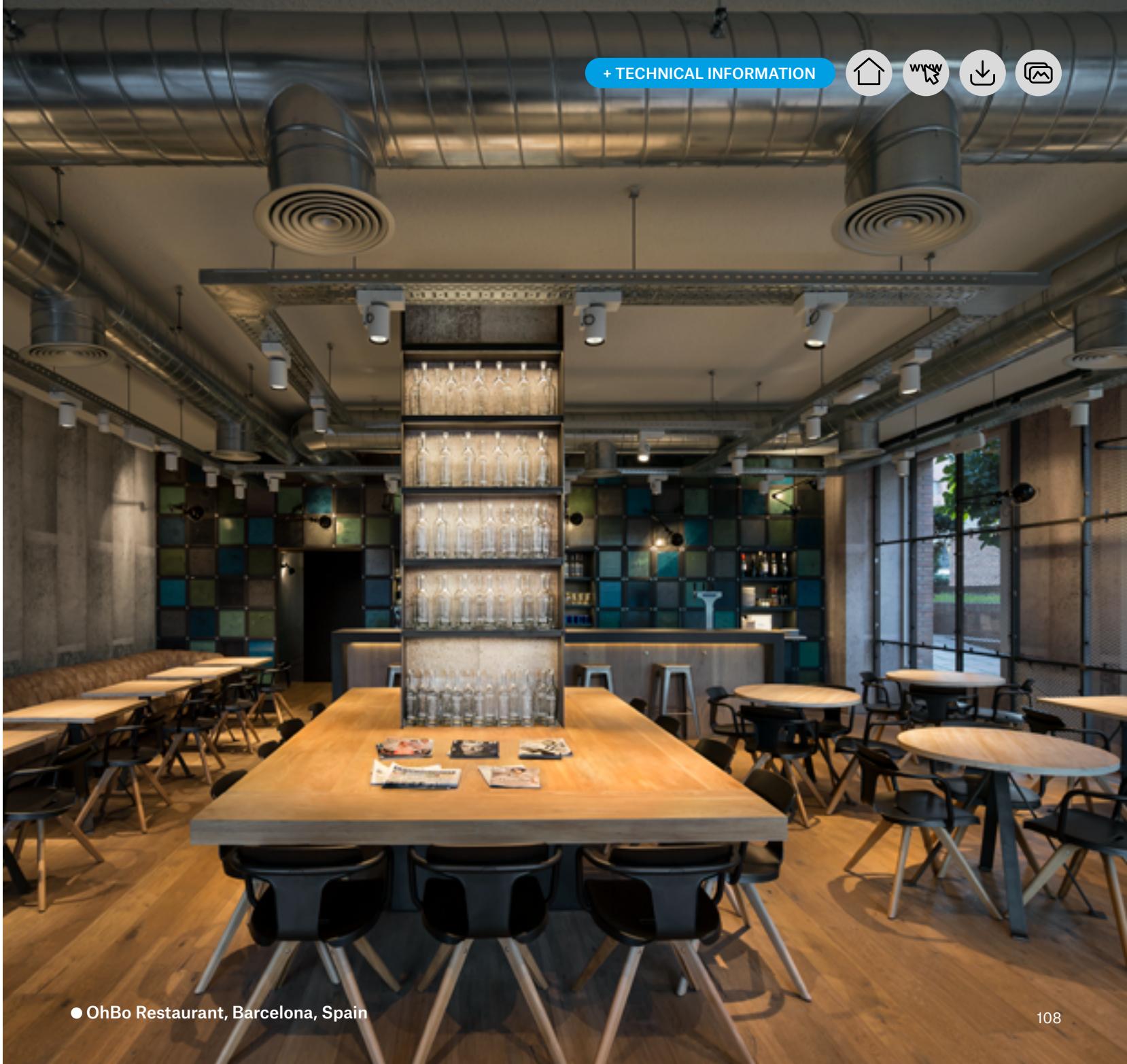


**Models**

TRACK

**Dimensions****Lm LED** 2000 lm - 5000 lm**CRI** 80**Beam angle****Color temp.** 3000 / 4000 K**Gear** ON/OFF**Power** 15 - 44 W**Finishes** ● Black 05 ○ White 05





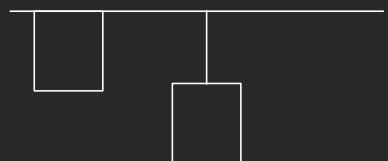


# Kombic

*"Lighting versatility and high visual comfort in a compact design"*

Kombic is reborn in a new design, to become a more versatile family. This compact design offers multiple installation and finishes, as well as a wide variety of luminous flux and optical features.

*Design by Lamp*





## Kombic 70

### Downlight Round

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### Optics

---



Opal      WFL 52°      Reflector  
Basic 54°      Comfort      Efficiency  
                                  33°/52°

### Ex. Finishes

---



## Kombic 100

NS

NS

Downlight Square



Downlight Round



Surface ON/OFF



Surface DALI



Surface TW



Surface Track



Suspended Track



Optics



Opal      WFL 50°

Optics



Opal      WFL 50°      Reflector

Optics



Opal      WFL 50°

Acc. Finishes



Acc. Finishes



Acc. Finishes

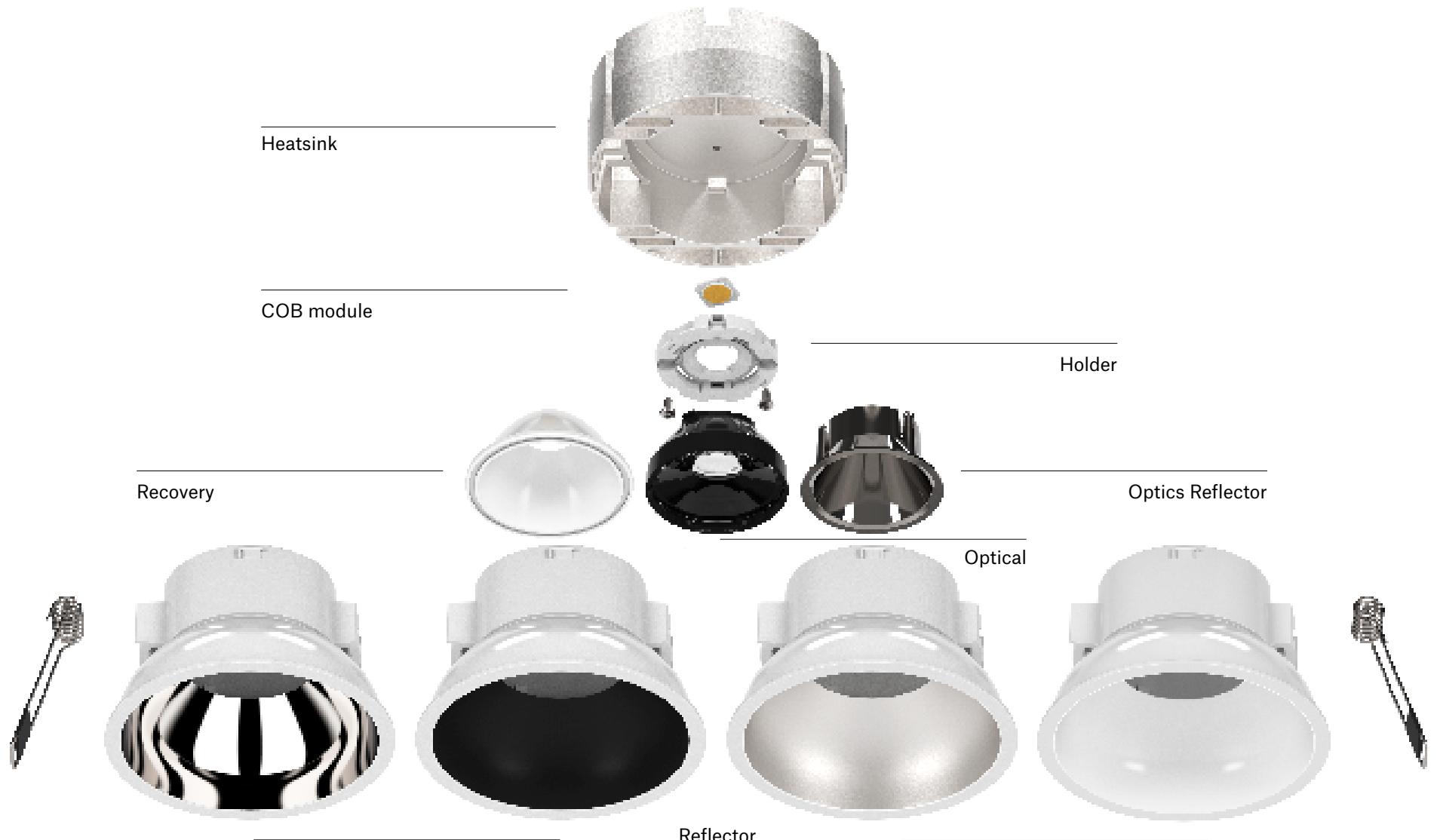


Ext. Finishes





## Kombic 100





## Kombic 150

## Downlight Round



## Optics



Opal



WFL 50°

## Downlight Round Multispectral



## Optics



VWFL 90°



WFL 62°

## Surface



## Optics



Opal



WFL 50°

## Acc. Finishes



## Acc. Finishes



## Acc. Finishes



## Finishes





## Kombic 200

Downlight Round



Downlight Square



Surface



Optics



Opal

Optics



Opal

Optics



Opal

Acc. Finishes



Acc. Finishes



Acc. Finishes



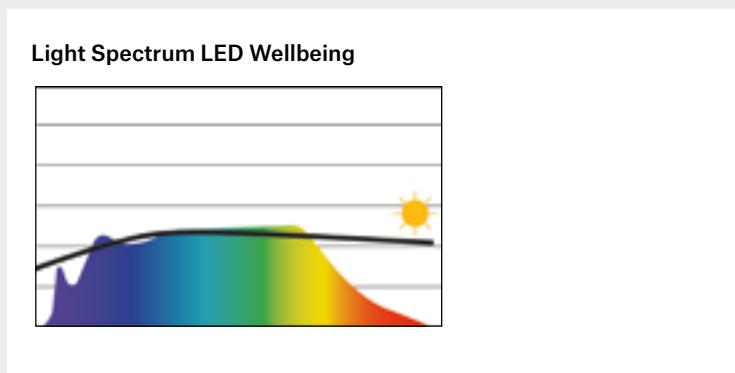
Ext. Finishes





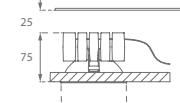
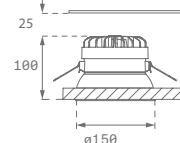
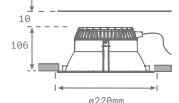
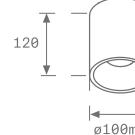
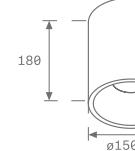
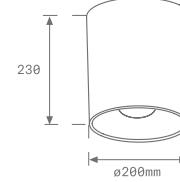
## Versatility of applications:

Recessed, surface or suspended installation.



## Dynamic lighting, wellbeing and multispectral

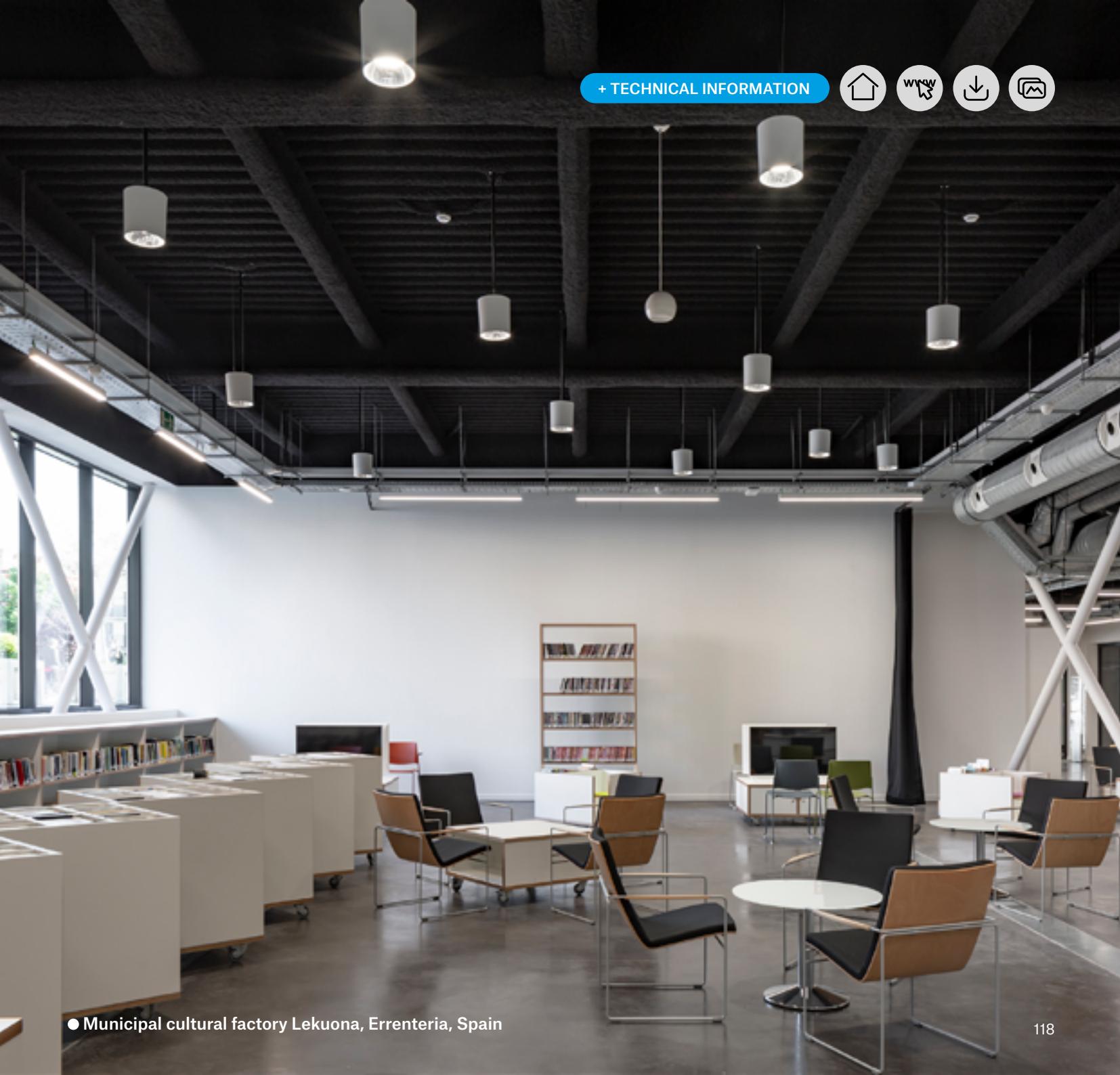
A wide variety of technologies available in the same family,  
incorporating models with WELLBEING and MULTIESPECTRAL  
technology

Models	DNGLIGHT 70	DNGLIGHT 100	DNGLIGHT 150	DNGLIGHT 200	SURFACE 100	SURFACE 150	SURFACE 200
							
Dimensions							
Lm LED	1500 lm	2000 lm - 2500 lm	2000 lm - 3500 lm	3000 lm - 5000 lm	2000 lm - 2500 lm	2000 lm - 3500 lm	3000 lm - 5000 lm
CRI				80 / 90			
Beam angle	   				 		
Color temp.	2700/ 3000 /4000K	2700/ 3000 /4000K/ TW / WB		3000/4000K/TW	2700/ 3000 /4000K/ TW / WB		3000 / 4000 K
Gear				ON/OFF - DALI			
Power	8,4W	12 - 18 W	12 - 25 W	17 - 36 W	12 - 18 W	12 - 25 W	17 - 36 W
Finishes	<input checked="" type="radio"/> Black <input type="radio"/> White	<input checked="" type="radio"/> Black 02	<input type="radio"/> White 02				
Acc. Finishes	<input checked="" type="radio"/> Black <input type="radio"/> White	<input checked="" type="radio"/> Black	<input type="radio"/> White	<input checked="" type="radio"/> Metalized Matt	<input type="radio"/> Bright		



Lamp Worktitude for light

● Corporate Zenith, Mexico City, Mexico



Lamp Worktitude for light

● Municipal cultural factory Lekuona, Erreteria, Spain





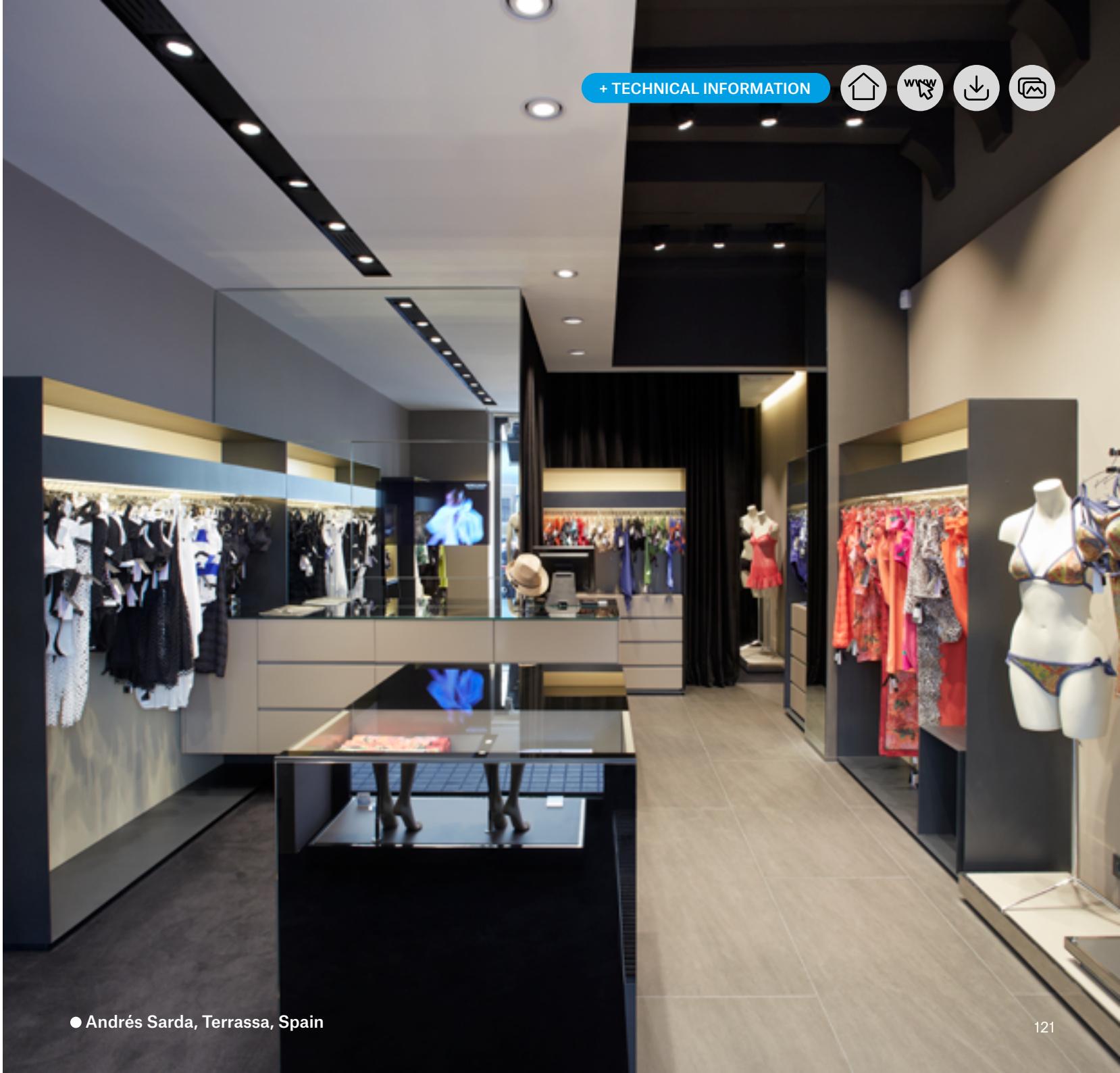
## Domo 160

*"Retail recessed spotlight"*

A technical product intended for use in retail environments, which was designed to be integrated into a space and provide accent lighting. It performs like an adjustable recessed spotlight, while simultaneously upholding its status as a downlight.

*Design by Lamp*







## Domo 220

*"Efficacy and visual comfort"*

The Domo family was created for one simple reason: our desire to achieve the highest visual comfort and performance for recessed downlights. This is a high-performance technical product with a very detail-oriented design.

*Design by Lamp*





Models	DOMO 220 G2	DOMO 220 G2 ASYMMETRIC
Dimensions		
Lm LED	2000 lm - 4000 lm	
CRI	80	
Beam angle	 General 70°	 Asym. 70°
Color temp.	3000 / 4000 K	3000 K
Gear	ON/OFF - DALI	
Power	21 - 38 W	
Finishes	<input type="radio"/> White 02	
Acc. Finishes	<input checked="" type="radio"/> Black 02	<input type="radio"/> White 02 <input type="radio"/> Grey 01



Symmetrical / asymmetrical reflector

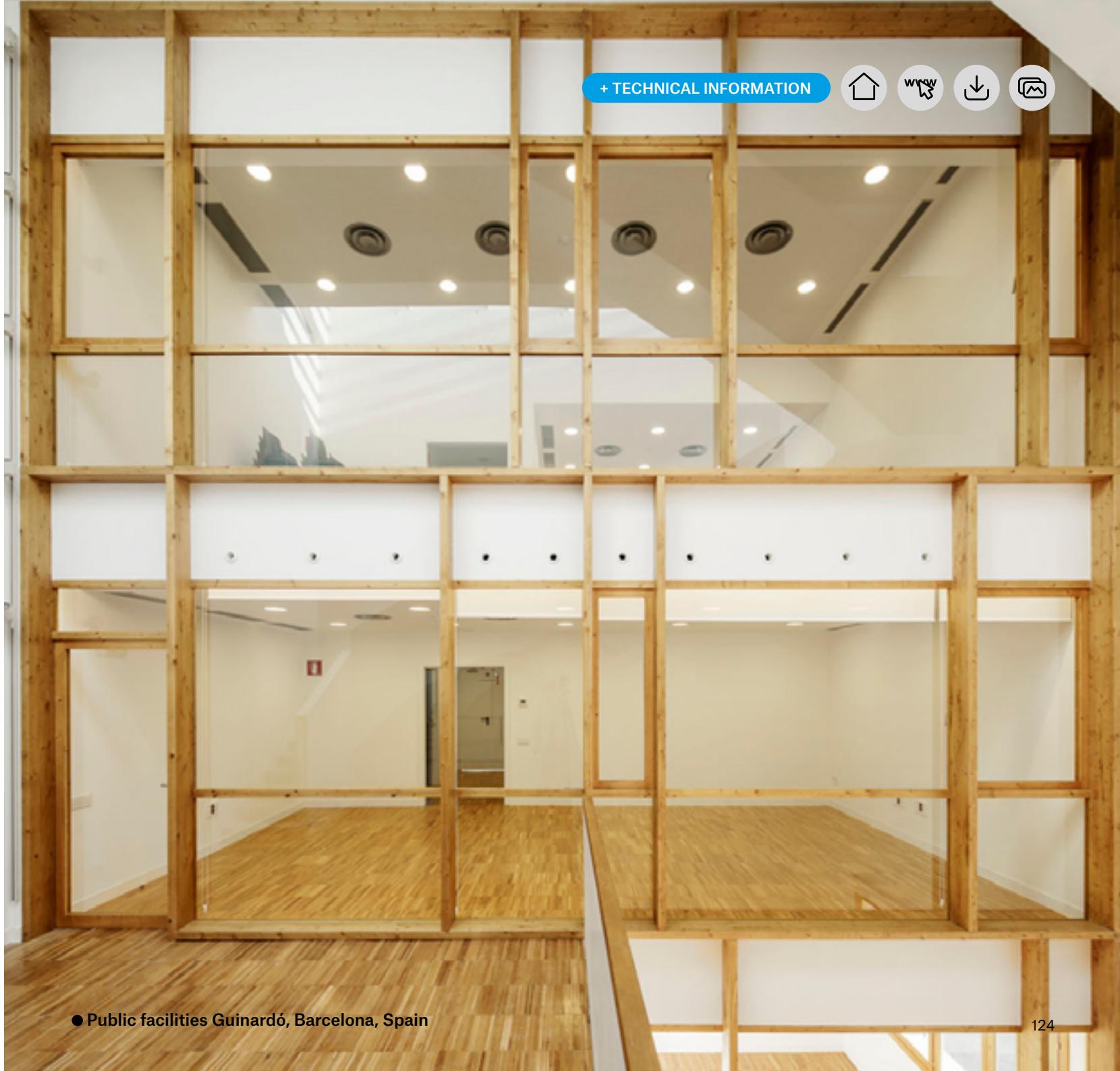
This family of downlights consists of different lighting solutions using different reflectors, such as symmetrical and asymmetrical.



Aluminium heatsink

The heatsink in the Domo family is designed and dimensioned using injected aluminium to achieve the correct temperature dissipation and thus guarantee a LED life span of at least 50,000 hours.

+ TECHNICAL INFORMATION





# Moody

*"Just play"*

A tool created for play. A family in which the "Do it yourself" concept is valued above all else. Experiment with light and play with the product, changing its parts and discovering the different roles that the luminaire can play in the same space.

*Design by Lamp*





### Environment integration

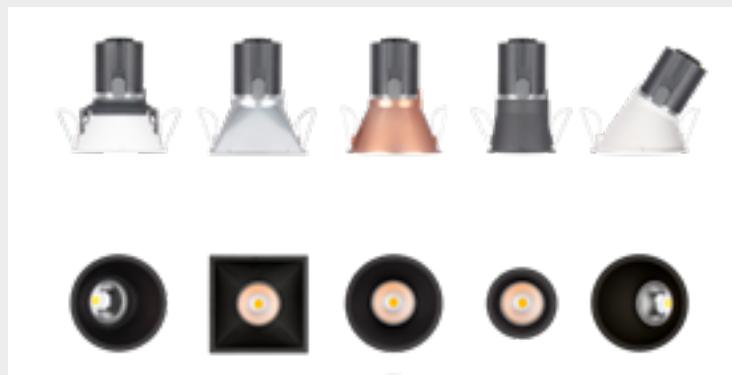
Unobtrusive with the surroundings, thanks to its small ring. It allows the integration of a trimless model but at the same time with an easy installation.



### Light engine design and thermal dissipation

Design of the light engine inspired by a photographic lens. Far from being hidden, the mechanisms are shown to enhance the beauty of thermal design.

Lamp Worktitude for light



### Wide range of products

Configurable system with 360 possible combinations (without optical accessories).



### Easy to install

No tools needed in the installation process. Joint between Core and Reflector by pressure that could be easily disassembled. Springs used in the ceiling fixing system allow easy assembling and disassembling. The Cylinder Saw used in the recessing hole is essential.

**Models**

ROUND



SQUARE



MINI



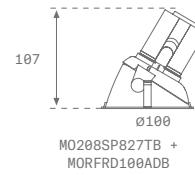
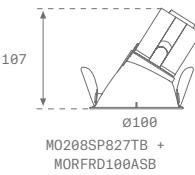
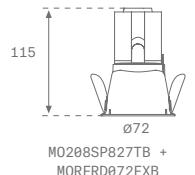
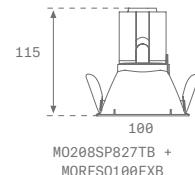
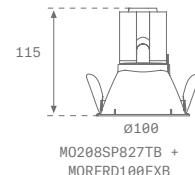
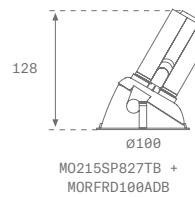
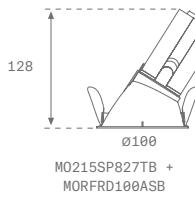
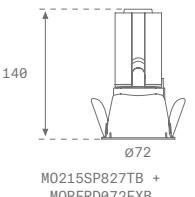
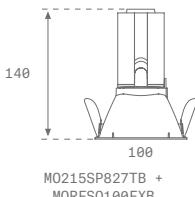
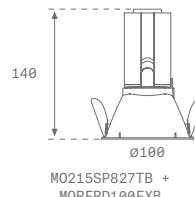
ASYMMETRICAL



ADJUSTABLE



PENDULAR

**Dimensions  
Core 800****Dimensions  
Core 1700****Lm LED** 800 lm - 1700 lm**CRI** 80 / 90**Beam angle****Color temp.** 2700 / 3000 / 4000 K**Gear** ON/OFF - DALI - TRIAC**Power** 5 - 12 W**Acc. Finishes** ● Black 03

○ White 02

● Grey 01

● Copper 01



## Moody 800



Heat disipation



Chip On Board LED  
2700 K - CRI 90  
3000K - CRI 80  
4000K - CRI 80



Beam reflector

  
SP 18°  
  
FL 36°  
  
WFL 55°


Optical accessories

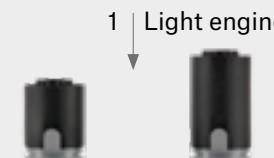
(max. 2 accessories applicable per luminaire)



Recessed trim reflector



## Light engine



1 Light engine

2 Optical accessories



## Decorative accessories



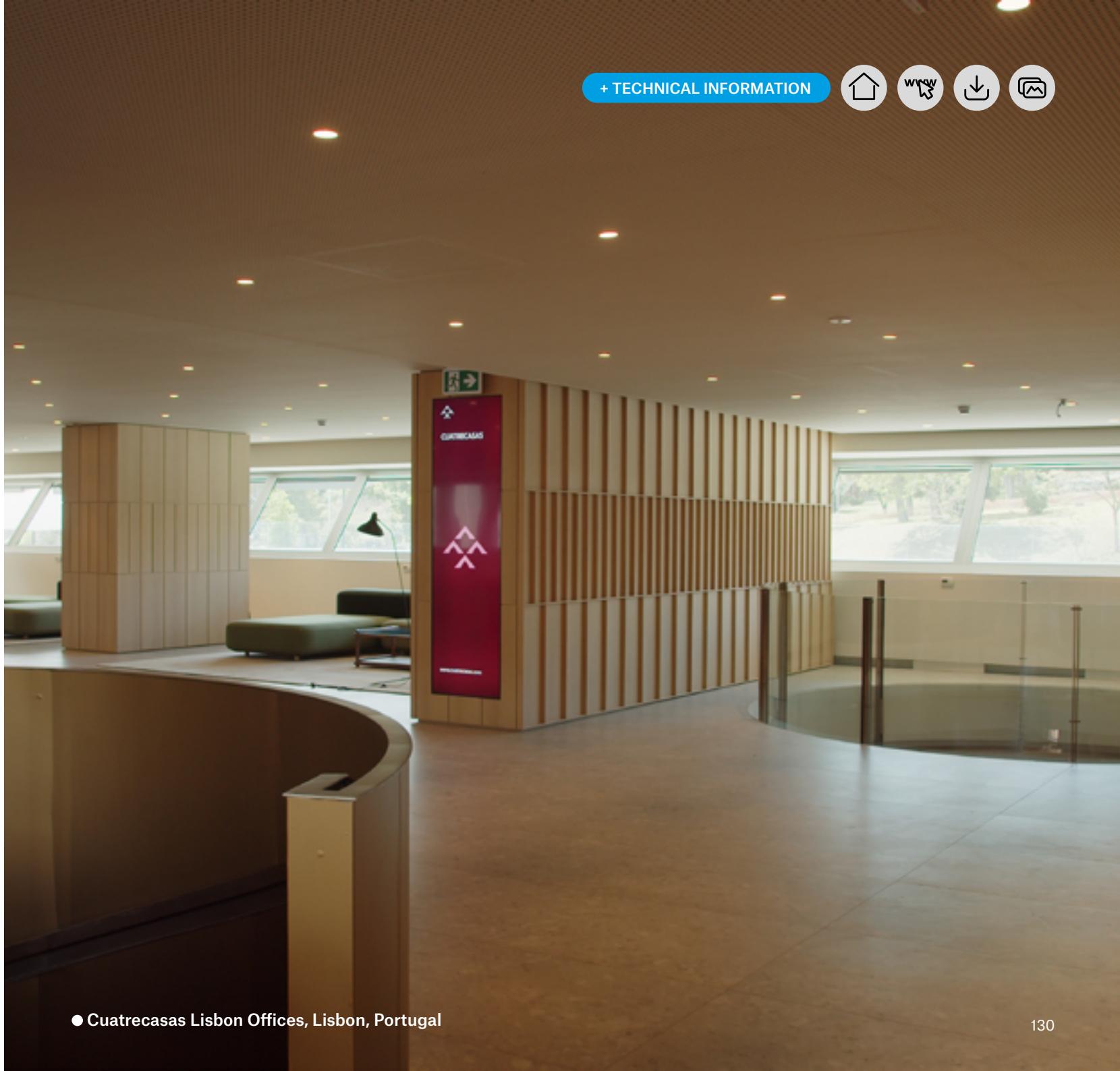
3 Recessed trim reflector



4 Different types of finishes









## Stormbell 80

*'Making the office feel like home'*

In keeping with the rationalist style of its predecessor, Stormbell 80 maintains the technical requirements for high-quality lighting, lighting comfort, and glare control while adopting a friendly language for new and constantly evolving spaces. Miniaturisation and the 4 lampshade models in different shapes, sizes and materials, provide this solution with the ability to create a variety of lighting moods and a sense of proximity.

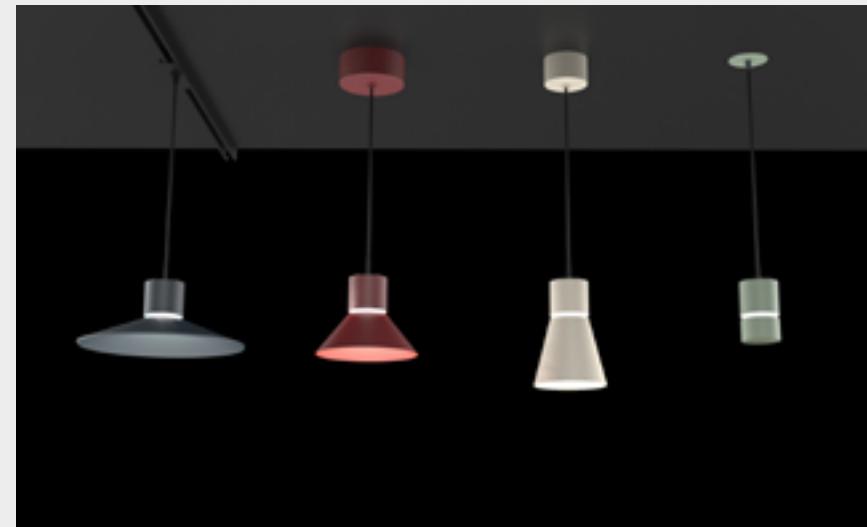


*Design by artec3 Studio, Lamp*



## Technical proposal in a friendly language:

A new lighting solution for constantly evolving workspaces, featuring high-quality technical lighting based on a miniaturised light engine with a high level of lighting comfort in a wide technological variety. It is possible to choose between standard technologies in different CCT (2700 -4000K) and standard or Wellbeing technology for circadian optimisation and promotion of users' well-being.



## Flexible lighting:

Multiple installation possibilities: suspended with recessed or surface-mounted rose or rail installation for Nomadic System integration.



Lamp Worktitude for light

## Ecodesign criteria:

Designed within a circular economy concept that facilitates the recovery and reuse of luminaires. Use of recycled materials such as recycled PET felt (from bottles) or recycled cork (from cork stoppers).





+



Standard Finishes

Materiality Palette

Recycled Materials

Light Engine

Reflector Accessories

SP MFL  
15° 23°SP MFL WFL  
15° 23° 57°



## Palette Materiality

### Recovery Of Materiality

Real experiences

### Recycling

Knowledge + Consciousness: Sustainable consumption



RAL 1013



RAL 5008



S3010



S2010



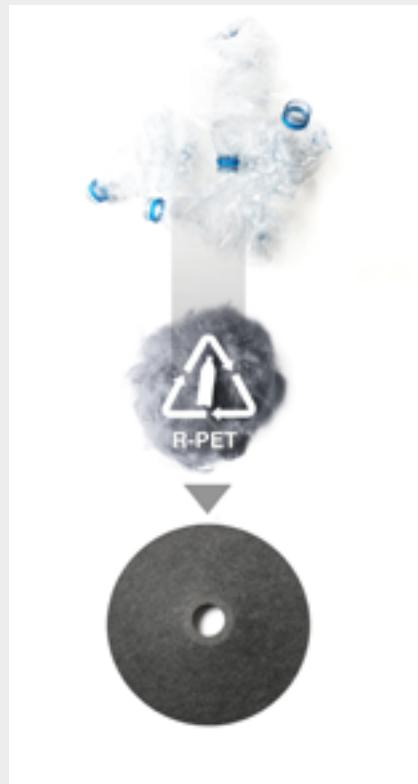
S4050



## Promotion of sustainability and social integration:

Designed within a circular economy concept that facilitates the recovery and reuse of luminaires.

PET lampshades: From bottle recycling.



Recycled cork lampshades: From wine and cava bottles collected by people with social integration difficulties.



<b>Material</b>	Polyester Felt
<b>Composition</b>	100% rPET (recycled bottles and other containers)
<b>Kg</b>	0,134
<b>Origin</b>	4 recycled water bottles

<b>Material</b>	Recycled Cork
<b>Composition</b>	95% recycled cork stoppers 5% PUR resin
<b>Kg</b>	0,227
<b>Origin</b>	40 recycled wine stoppers

**Models**

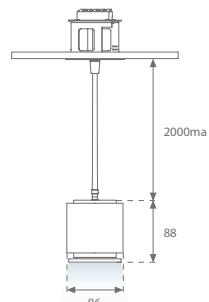
SUSPENDED RECESSED



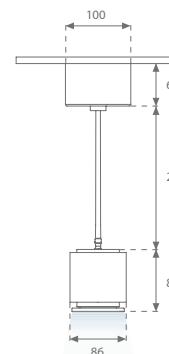
SUSPENDED SURFACE



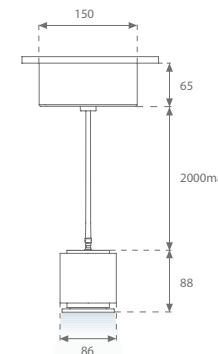
NS SUSPENDED TRACK

**Dimensions**

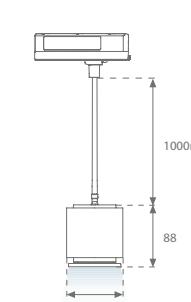
ON/OFF



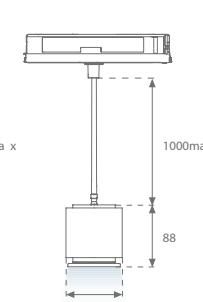
DALI



ON/OFF



DALI

**Lm LED** 1500 lm**CRI** 90**Beam angle****Color temp.** 2700 / 3000 / 4000 K / TW / 3000 WB / 4000 WB**Gear** ON/OFF - DALI**Power** 14W**Finishes**  White 04  Black 04**Be Social Materiality**  RAL 1013  RAL 5008  S3010  S2010  S4050



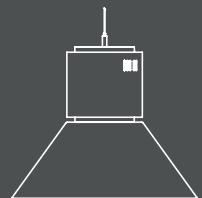


# Stormbell

*"A timeless bell fixture design"*

A timeless design clearly inspired by rationalism. An interaction between the different types of lighting and accessories allows you to create different environments. It is perfect for use in retail and hospitality spaces.

*Design by artec3 Studio*





## Pure geometry and timeless design

Its design is the result of pure geometris combination.  
Inspired by Bauhaus school timeless design (design reference).



## The shape expresses function

Its shapes talk about thermal dissipation needed for  
the correct thermal LED management.



## Deco Stormbell

Model with diffused light effect at the junction of the Core with the reflector. The reflectors / diffusers are made of special polycarbonate for LED, in three types of finishes: white, black and opal.

Lamp Worktitude for light



## Configurable system

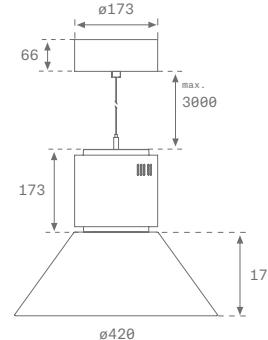
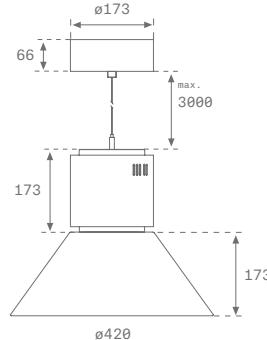
Configurable system that can fit each space with the best combination. With 144 possible combinations.

**Models**

STORMBELL



STORMBELL DECO

**Dimensions****Lm LED** 3000 lm - 5000 lm**CRI** 80**Beam angle****Color temp.** 3000 / 4000 K**Gear** ON/OFF**Power** 24 - 44 W**Finishes**  White 04 White 04    Black 04







Lamp Worktitude for light

● RCI Sofasa, Medellín, Colombia

+ TECHNICAL INFORMATION



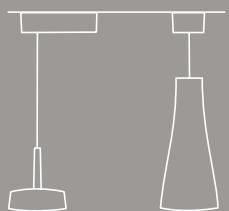


## Maui Downlight

*"Technical solutions should not be boring"*

LED lighting offers great energy-saving advantages, but it can also be quite aggressive and sharp. For this reason, we have decided to hide it within a cavity that does not stop the light from reaching the surface it is intended to illuminate, but does prevent it from going directly into your eyes.

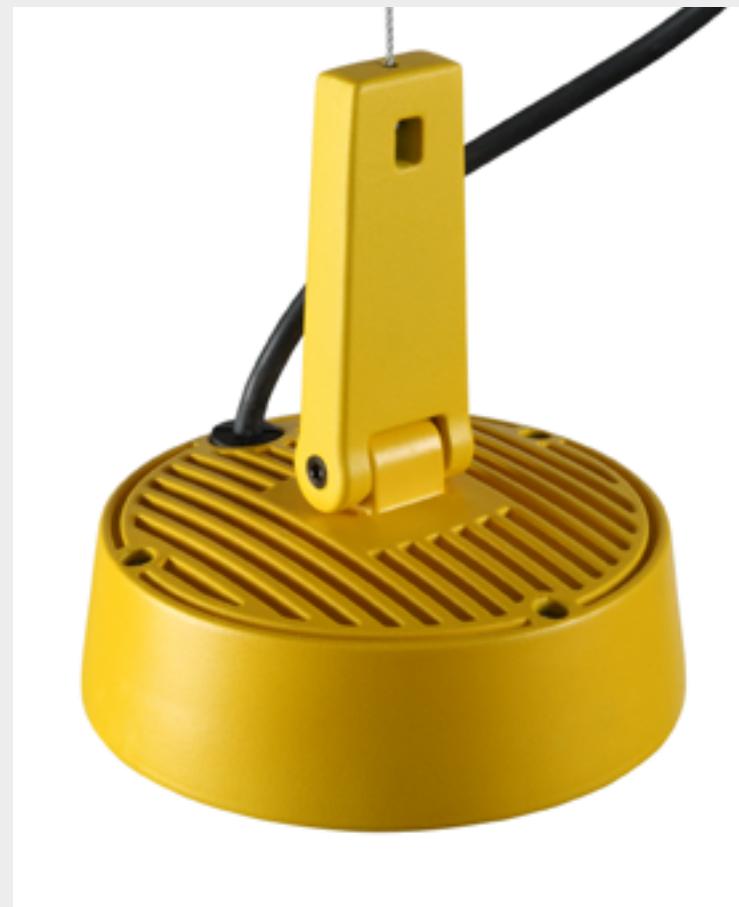
*Design by lagranja design*





Designed for visual comfort. Inspired by nature

System of reflectors flush with the luminaire. Each of these holes has a different diameter and is inspired by the shape of a volcanic crater. The distribution of the different diameters allows pleasant visual comfort.



Miniaturised or compact design with integrated driver

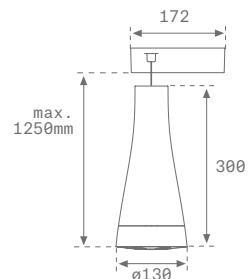
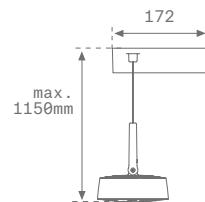
This family has the driver integrated inside the luminaire, making it a compact design with reduced dimensions. The pendular downlight version is available in: Standard and decorative versions, with an elegant and timeless design.

**Models**

MAUI



MAUI DECO

**Dimensions****Lm LED** 800 lm - 1500 lm**CRI** 80**Beam angle**

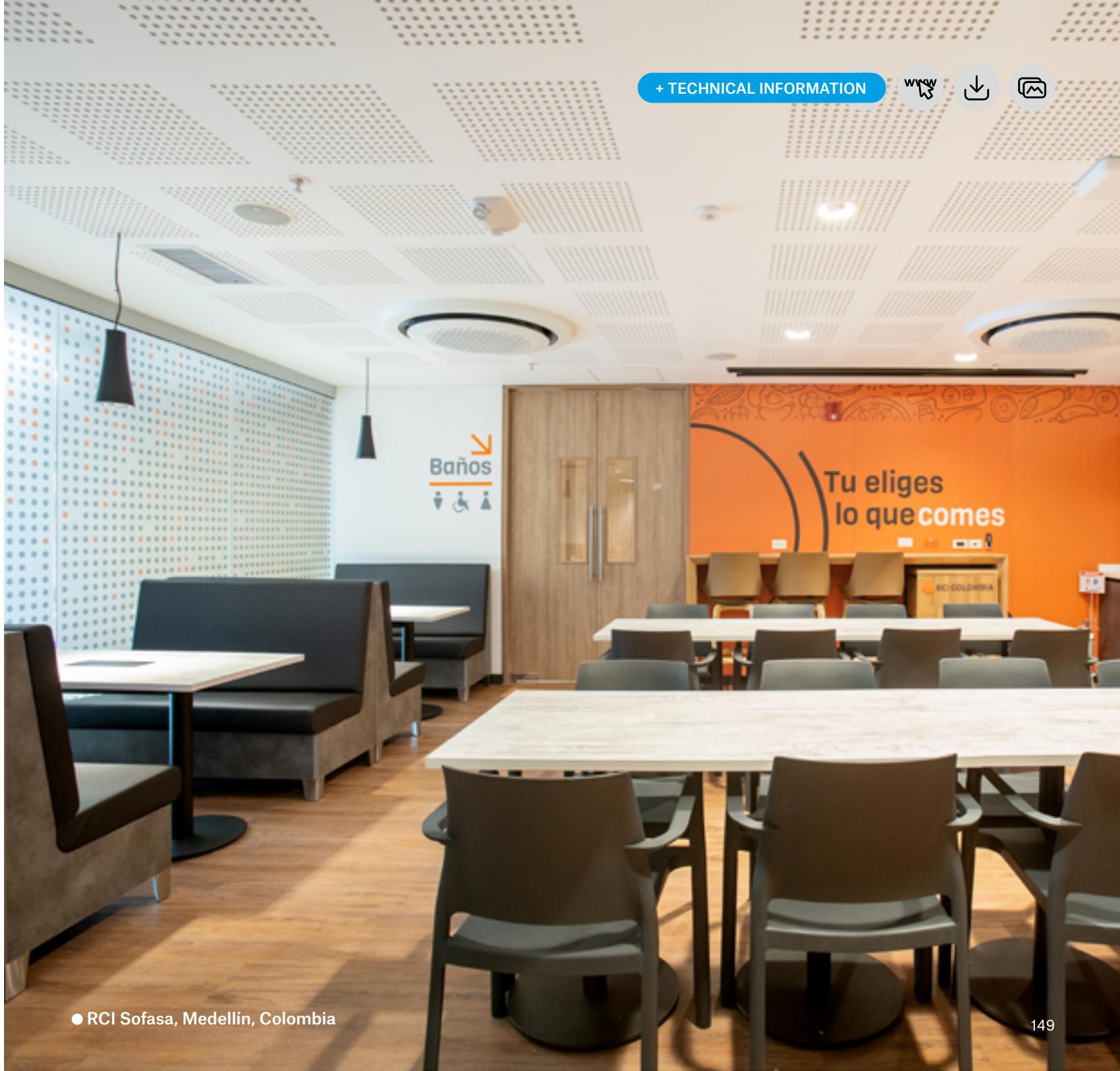
14°

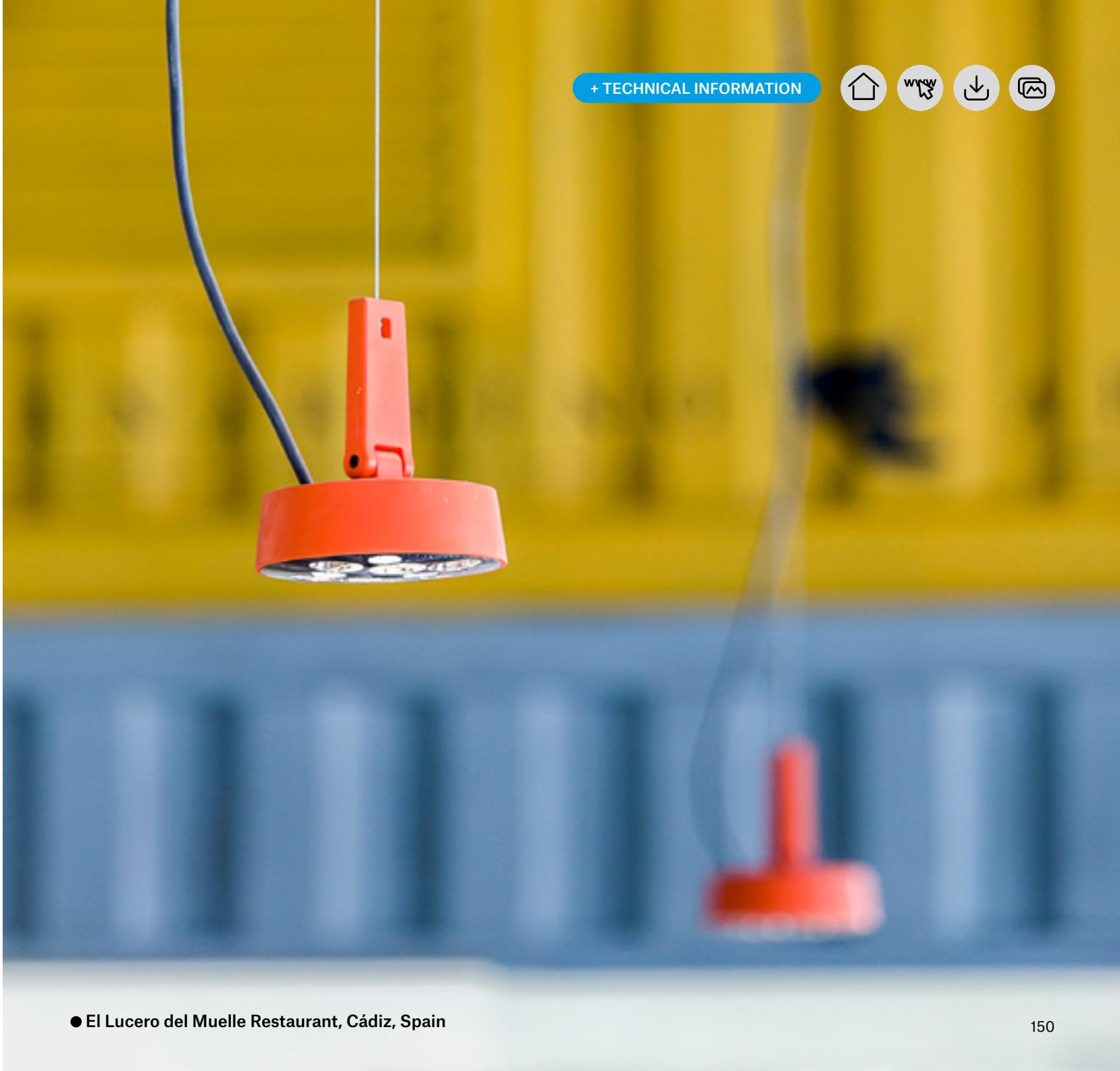
**Color temp.** 3000 K**Gear** ON/OFF**Power** 10 - 19 W

**Finishes**

- White 03
- Yellow 01
- Black 05
- Chrome 01

- White 03
- Black 05
- Chrome 01





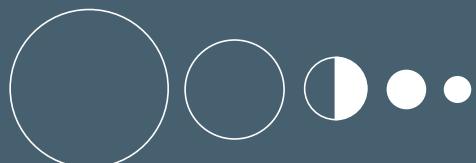


# Mun

*"Light to watch and light to contemplate"*

Light is often thought of as a tool that serves technical and functional purposes, but light can also be used as a tool to create environments. Light with which to see and light to admire. Why not deliver these two visions in one family?

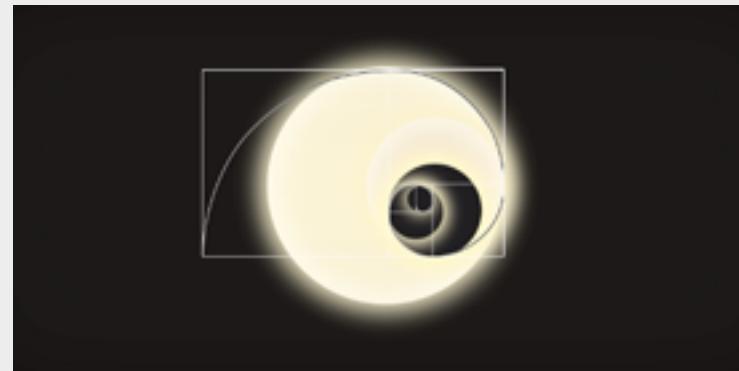
*Design by Lamp*





## Light to watch and contemplate

Providing still and ambient lighting in one cohesive design.



## Harmonic Proportion

The dimensions of the product are derived from the golden ratio (120/180/300/480/780), which is a Harmonic proportion found frequently in nature.



## Mun Light: Minimum height and maximum uniformity

Its design allows a luminaire with a minimum height (64mm) to provide a well-proportioned or well-balanced lighting surface with recycled PMMA diffuser.



## Mun Dark: Compositions and visual comfort

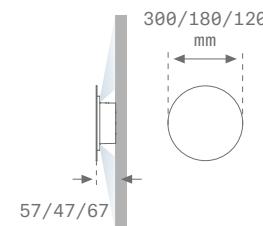
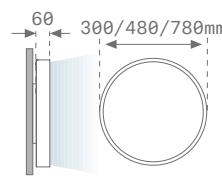
A versatile product with multiple dimensions that allows for different compositions of ambient lighting in space.

**Models**

MUN LIGHT



MUN DARK

**Dimensions****Lm LED** 1000 lm - 1700 lm

100 lm - 300 lm

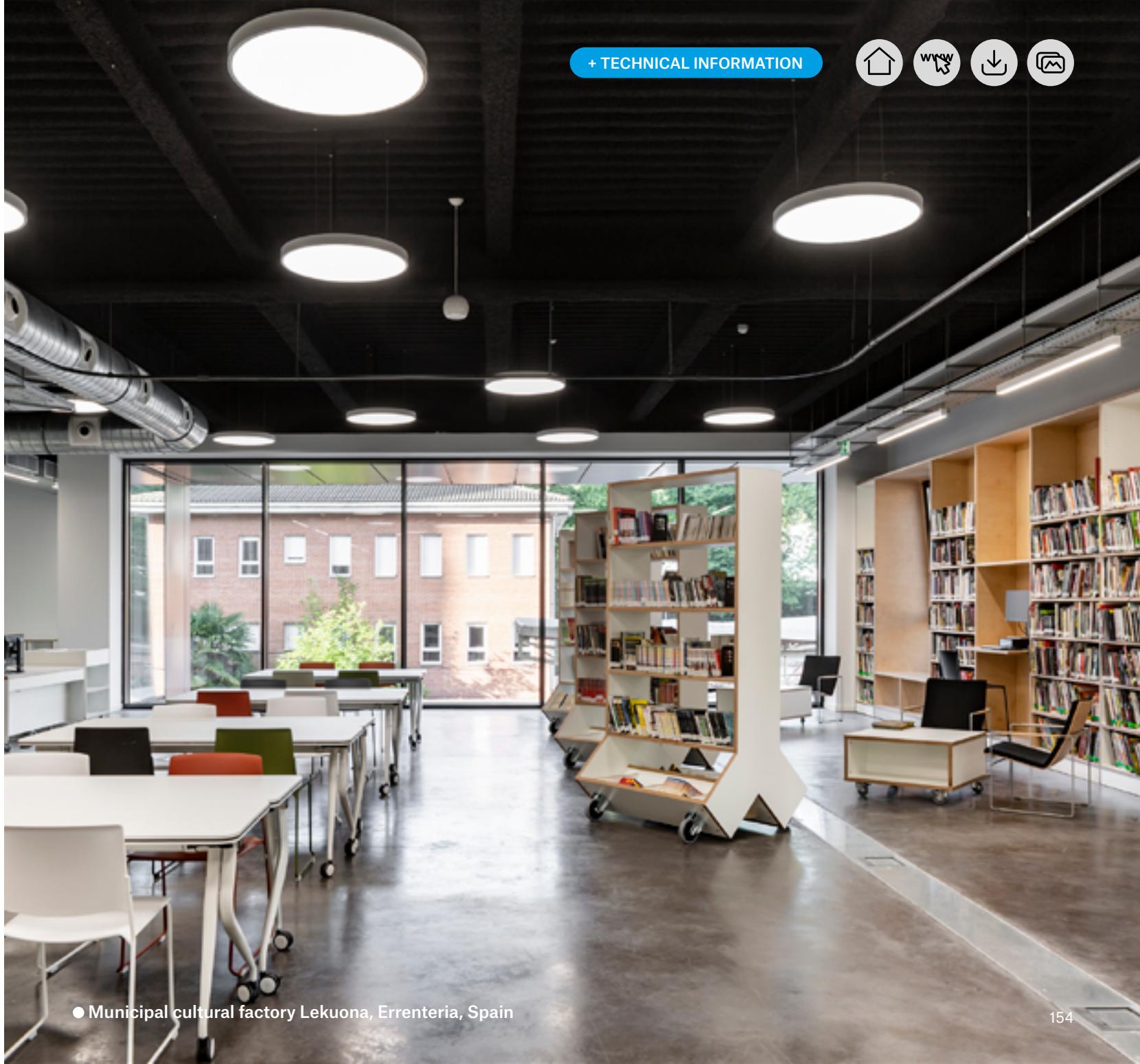
**CRI** 80**Beam angle**

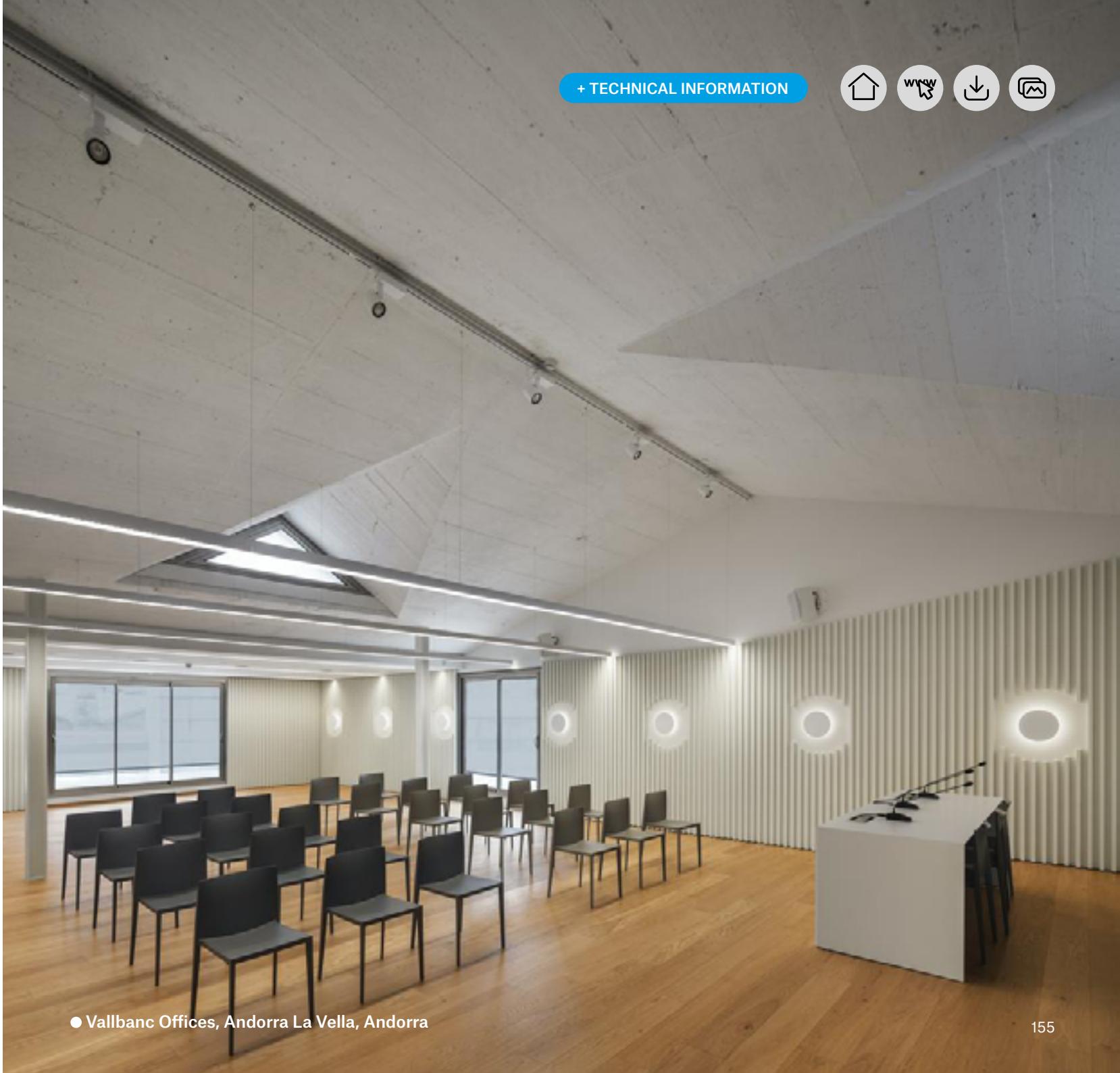
General



360°

**Color temp.** 3000 / 4000 K**Gear** ON/OFF**Power** 8 - 60 W 1 - 3 W**Finishes** ● Black 05 ○ White 05







# Fil System

*Design by Lamp*





### Visual comfort

Integrated lighting solutions meet high requirements:

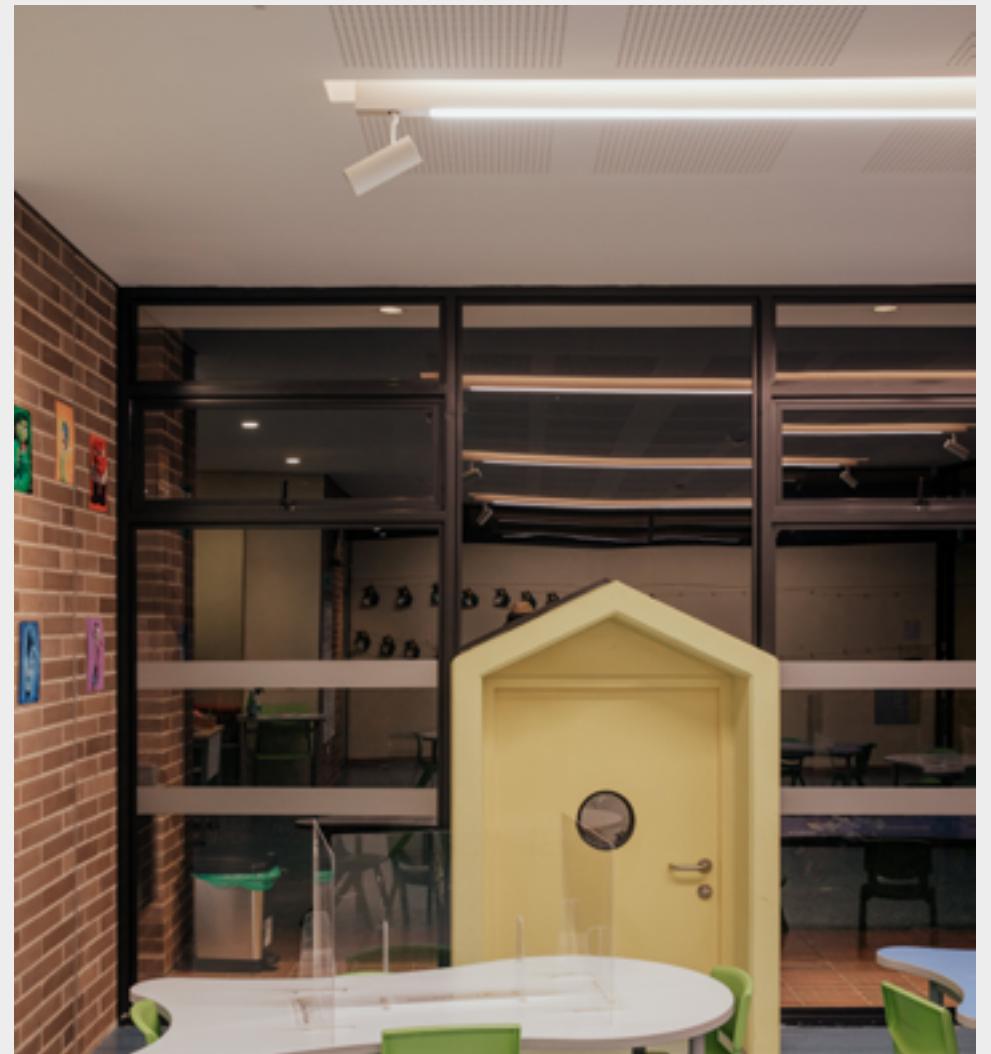
- Active glare control: opal confort;
- RGO 'risk exempt' luminaires according to the Photobiological Safety standard UNE 62471;
- High visual comfort models with large shielding angle, black reflectors and ultra confort optics;
- Flicker free;

### Modular and versatile concept

Different types of luminaires, light distributions and colour temperatures to integrate the different applications required by the project, whether general or accent lighting, in a single system.

### Sustainability

Designed within a circular economy concept that facilitates the recovery and reuse of luminaires. Made of recycled extruded aluminium.





Fil + Ocult



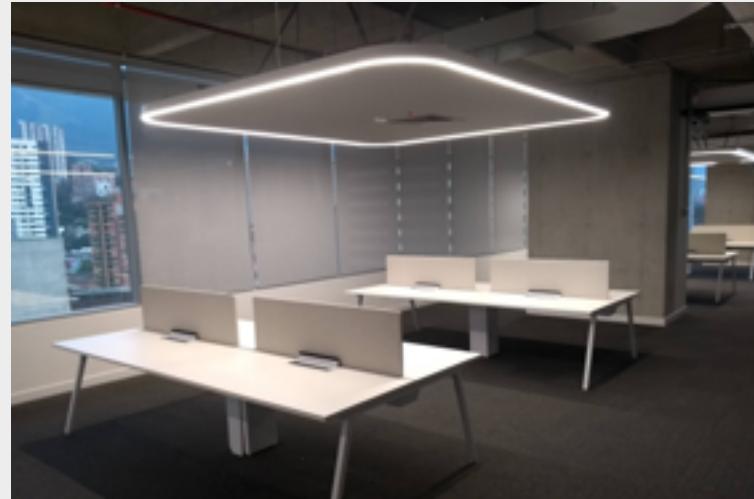


Fil + Hance





Fil



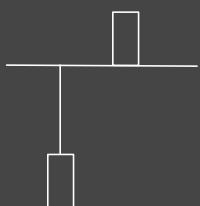


## Fil 35

*"Reinventing a classic concept:  
Lighting expression"*

The miniaturisation of this product family retains linearity while performing as a lighting solution to highly demanding spaces in terms of formality requirements, blending in fully with its surroundings. Fil 35 is the structure that fits the maximum technology within the minimum volume.

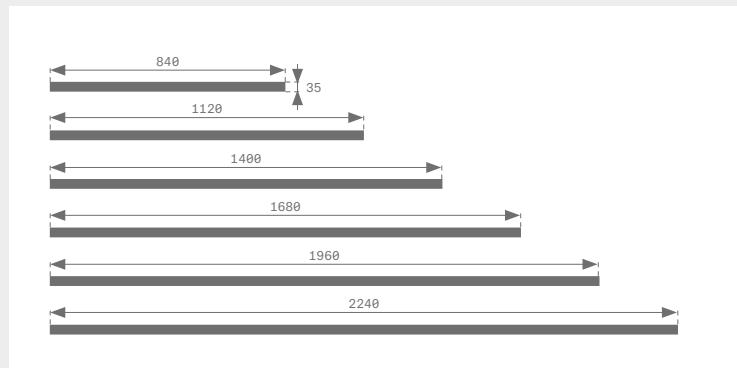
*Design by Lamp*





### Miniaturisation

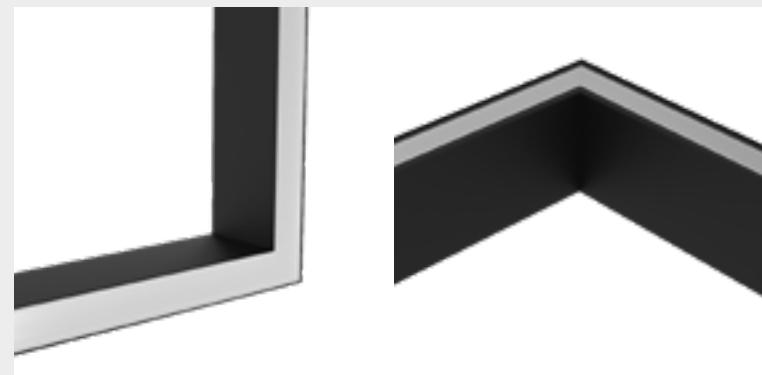
The miniaturisation of this family gives a lighting solution for highly demanding spaces in terms of formality requirements, by respecting and enabling a perfect integration in its environment. Fil 35 is the structure that conforms to the maximum technology within the minimum volume.



### Great variety of lengths

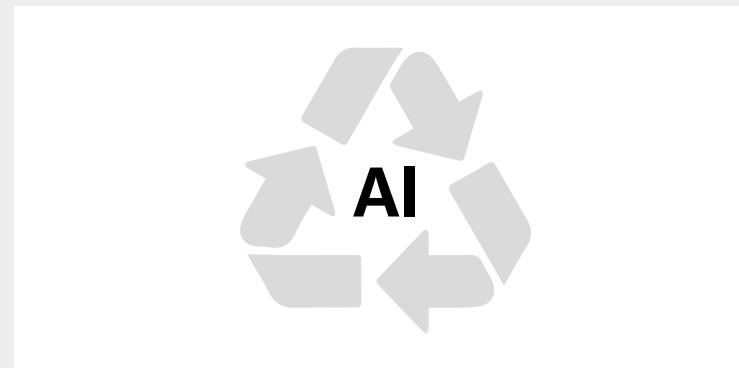
This is a linear luminaires family with a wide range of lengths, available in six standardised dimensions and with the possibility of customising special lengths. The miniaturisation of the profile dimensions enables a high integration of the product in the space.

**Lamp** Worktitude for light



### Horizontal and vertical elbows for 3D configurations

It can be installed surface, recessed, and recessed without trim, in black, white, or matte grey finishes. 90° corners are also designed to be installed in both horizontal and vertical directions, enabling 3D configurations to be made.



### #Worktitude For Life

Product made of recycled aluminium extrusion at a rate of 80-85%, reducing the carbon footprint of products and processes, as well as the environmental impact across the entire value chain.



Models	OPAL	OPAL COMFORT	TECH	DIRECT / INDIRECT					
Dimensions	SURFACE	RECESSED	TRIMLESS	DIRECT / INDIRECT					
Lm LED	1200 lm	1470 lm	1600 lm	2000 lm	2400 lm	2650 lm	2800 lm	3200 lm	
Lengths	840 mm	1120 mm	1400 mm	1680 mm	1960 mm	2240mm			
CRI	80 / 90								
Beam angle	 Opal	 Opal Comfort	 Tech	 Dir / Ind					
Color temp.	3000 / 4000 K								
Gear	ON/OFF - DALI								
Power	8 W	11 W	12 W	14 W	16 W	18 W	19 W	22 W	32 W
Acc. Finishes	<input checked="" type="radio"/> Black 02	<input type="radio"/> White 02		<input type="radio"/> Grey 01					

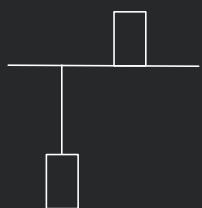


## Fil 45

*"A classic's functional evolution:  
The calling to give answers"*

Retaining the family's timelessness, Fil expands reducing its dimensions and increasing its possibilities. Fil 45's calling is to provide quality general lighting, capable of adapting to any space. While responding to the high lighting requirements that a project may require.

*Design by Lamp*





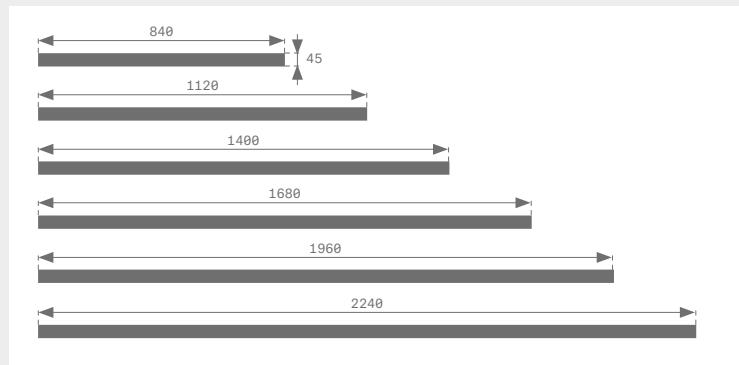
### Visual comfort through different optical diffusers

Possibility of choosing between opal, opal comfort and tech diffuser depending on the application required.



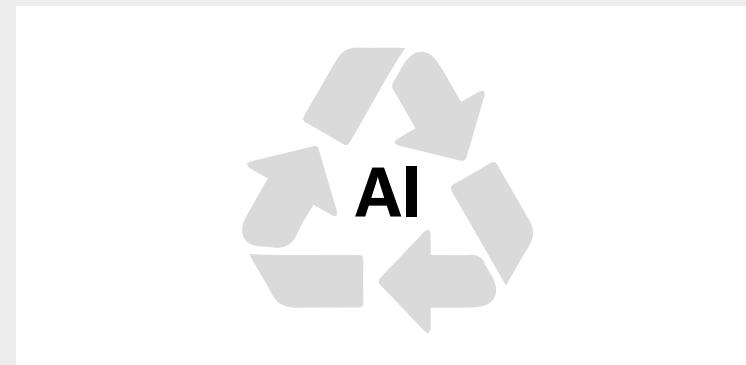
### Integrated functional and environmental lighting

Direct and indirect lighting integrated into the same luminaire, achieving a double lighting effect for the installation of suspended Fil. Designed for spaces aiming to highlight ceilings or reduce visual fatigue, such as work spaces and offices, avoiding high contrast and glare.



### Great variety of lengths

This is a linear luminaires family with a wide range of lengths, available in six standardised dimensions and with the possibility of customising special lengths.

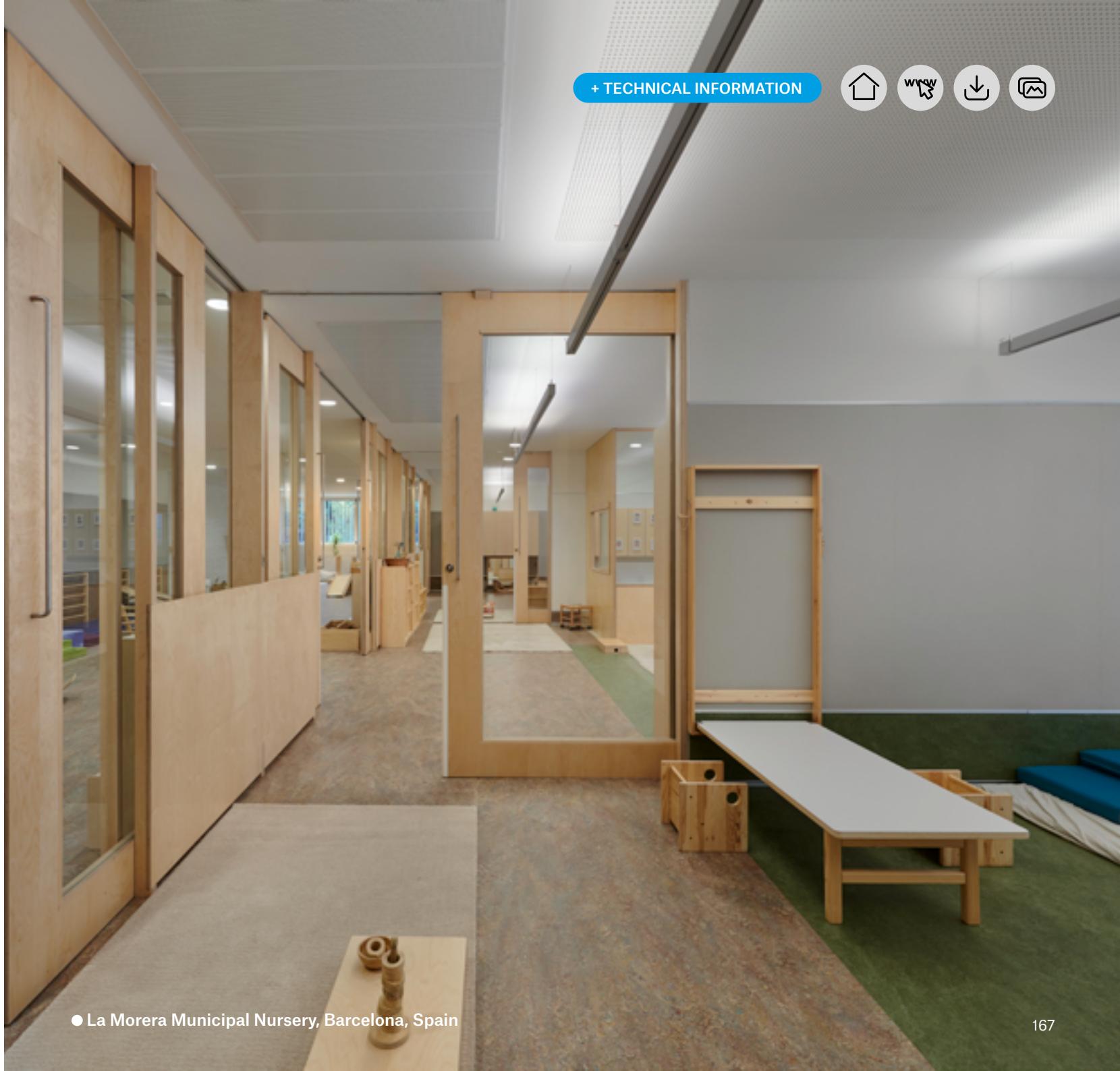


### #Worktitude For Life

Product made of recycled aluminium extrusion at a rate of 80-85%, reducing the carbon footprint of products and processes, as well as the environmental impact across the entire value chain.

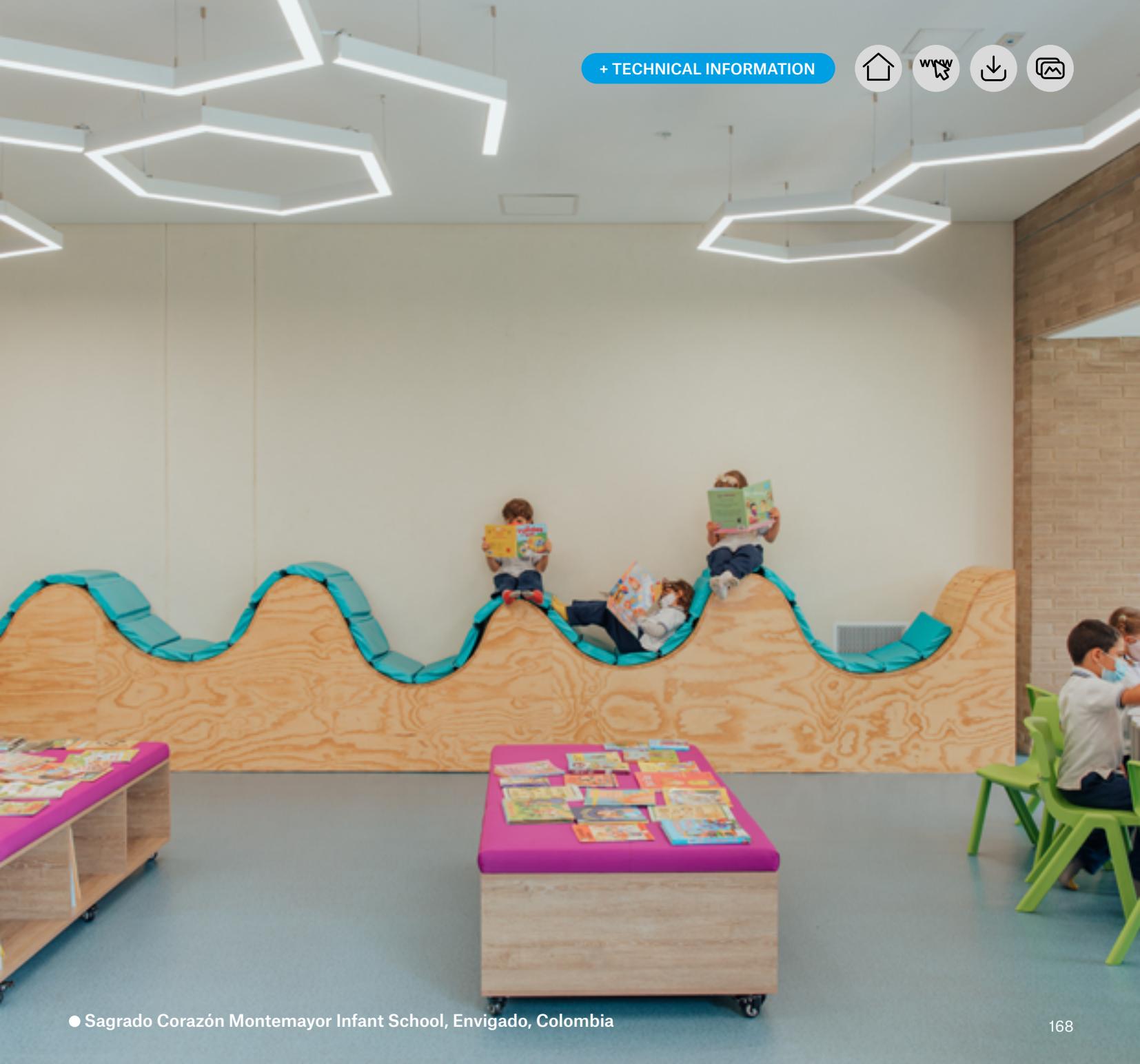


Models	OPAL	OPAL COMFORT	TECH	DIRECT / INDIRECT		
Dimensions	SURFACE	RECESSED		DIRECT / INDIRECT		
Lm LED	1450 lm 4650 lm	2600 lm 6200 lm	3250 lm 7750 lm	3900 lm 9300 lm	4550 lm 10850 lm	3200 lm 12400 lm
Lengths	840 mm	1120 mm	1400 mm	1680 mm	1960 mm	2240mm
CRI	80 / 90					
Beam angle	 Opal	 Opal Comfort	 Tech	 Dir / Ind		
Color temp.	3000 / 4000 K / TW / WB					
Gear	ON/OFF - DALI					
Power	12 W 27 W	16 W 36 W	19 W 45 W	23 W 54 W	27 W 63 W	31 W 72 W
Acc. Finishes	<input checked="" type="radio"/> Black 02	<input type="radio"/> White 02	<input type="radio"/> Grey 01			



Lamp Worktitude for light

● La Morera Municipal Nursery, Barcelona, Spain



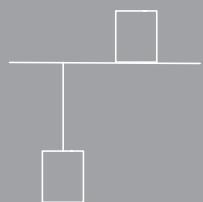


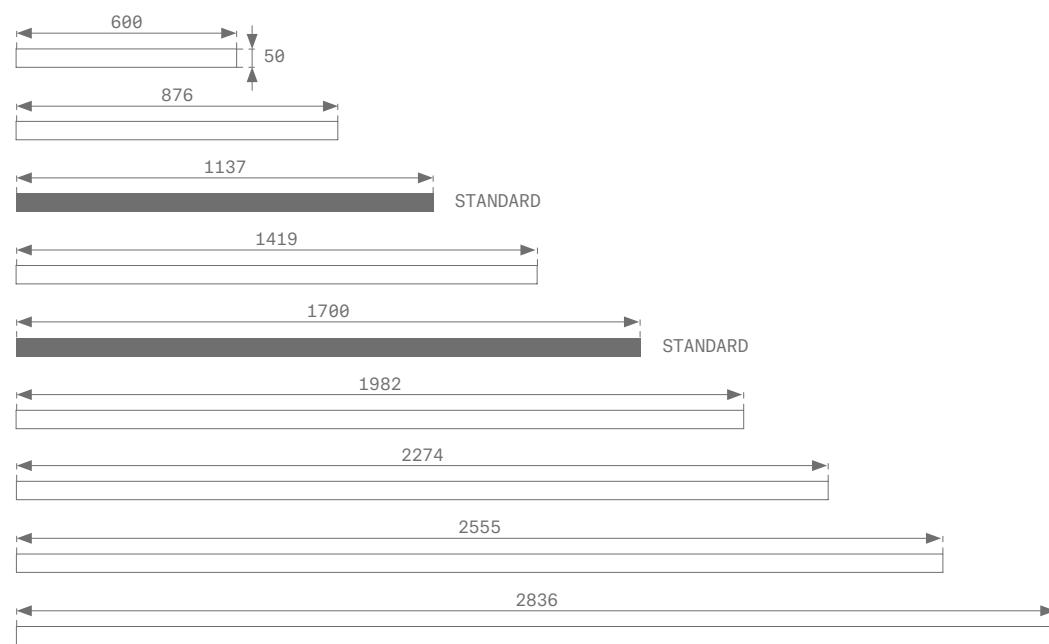
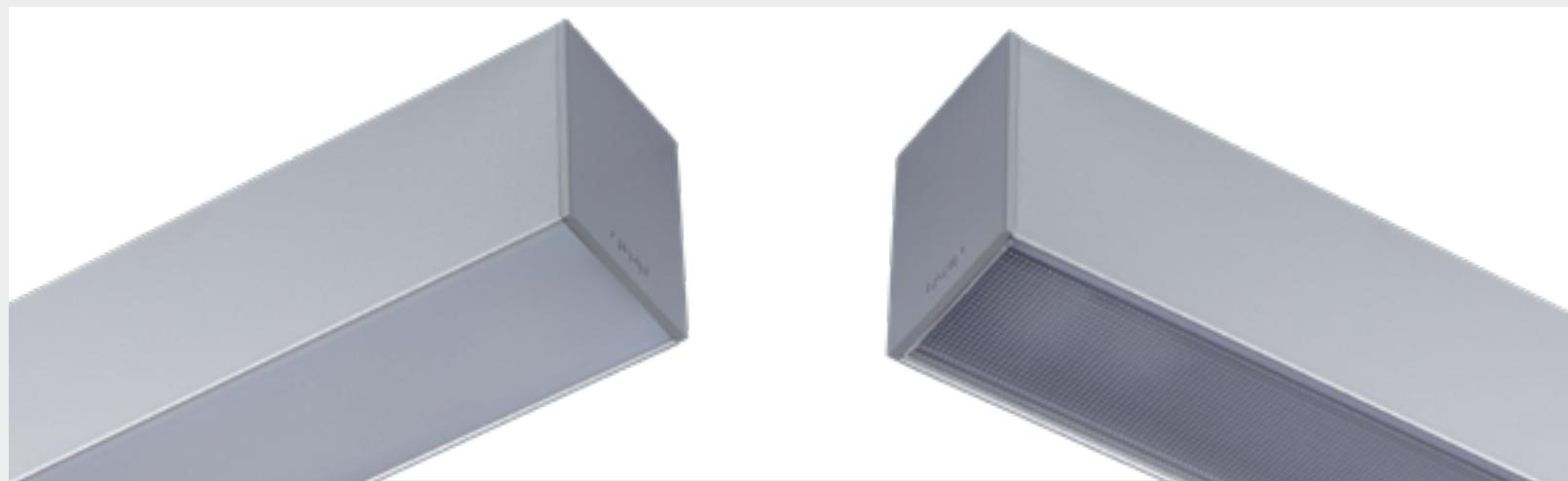
## Fil 50

*"Integration in every interior space"*

Fil 50 is a family of structures characterised by its neutral, minimalist, and timeless designs. These qualities, and its wide range of options, will allow you to use these products in a variety of different ways in any kind of interior space.

*Design by Lamp*



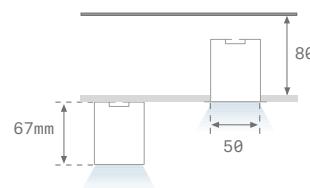


**Models**

OPAL



PRISMATIC

**Dimensions****Lengths**

1137 mm

1700 mm

**Lm LED**

3000 lm

4600 lm

6000 lm

9200 lm

**CRI**

80

**Beam angle**

Opal



Prismatic

**Color temp.**

3000 / 4000 K

**Gear**

ON/OFF - DALI

**Power**

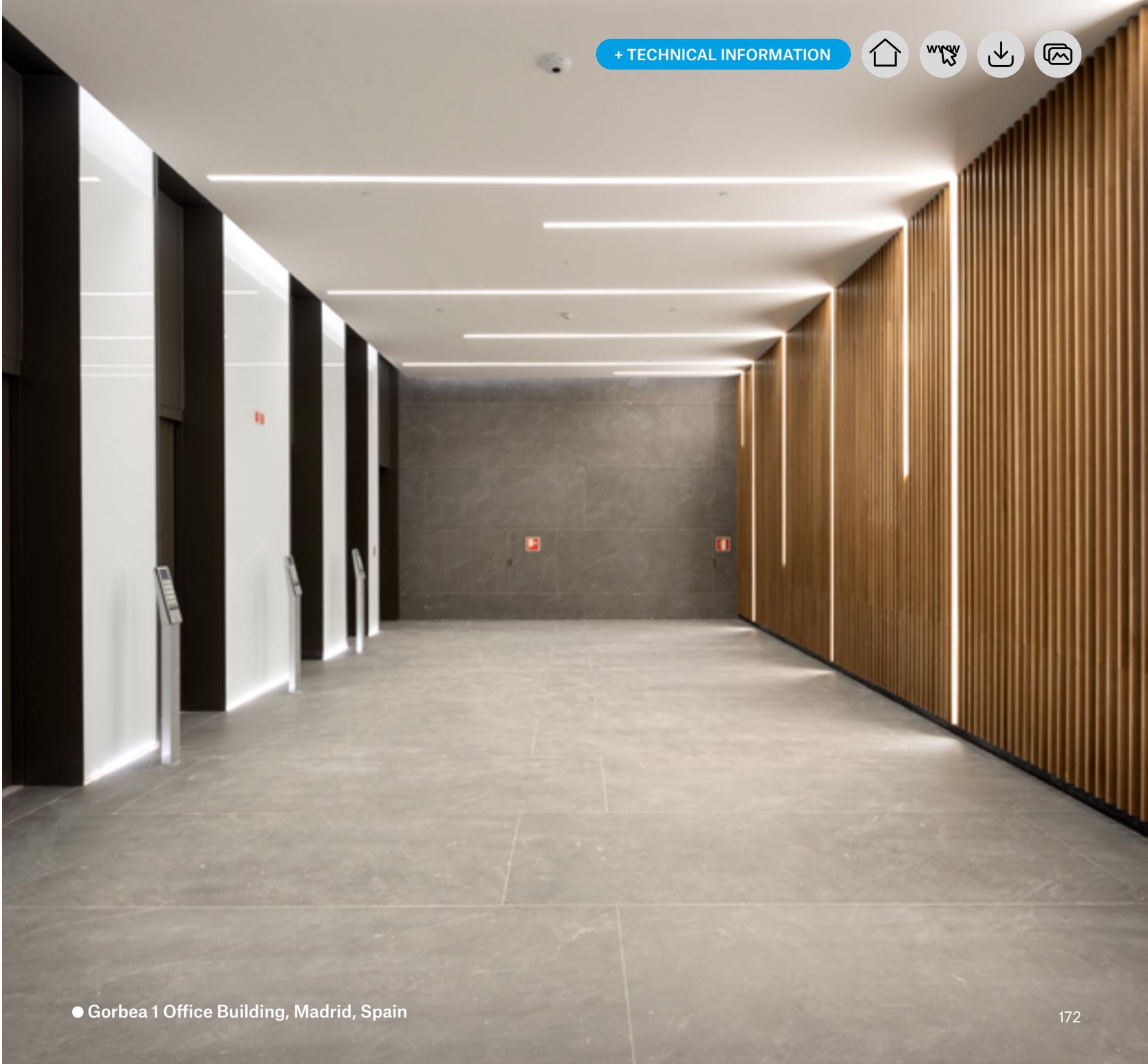
19 W

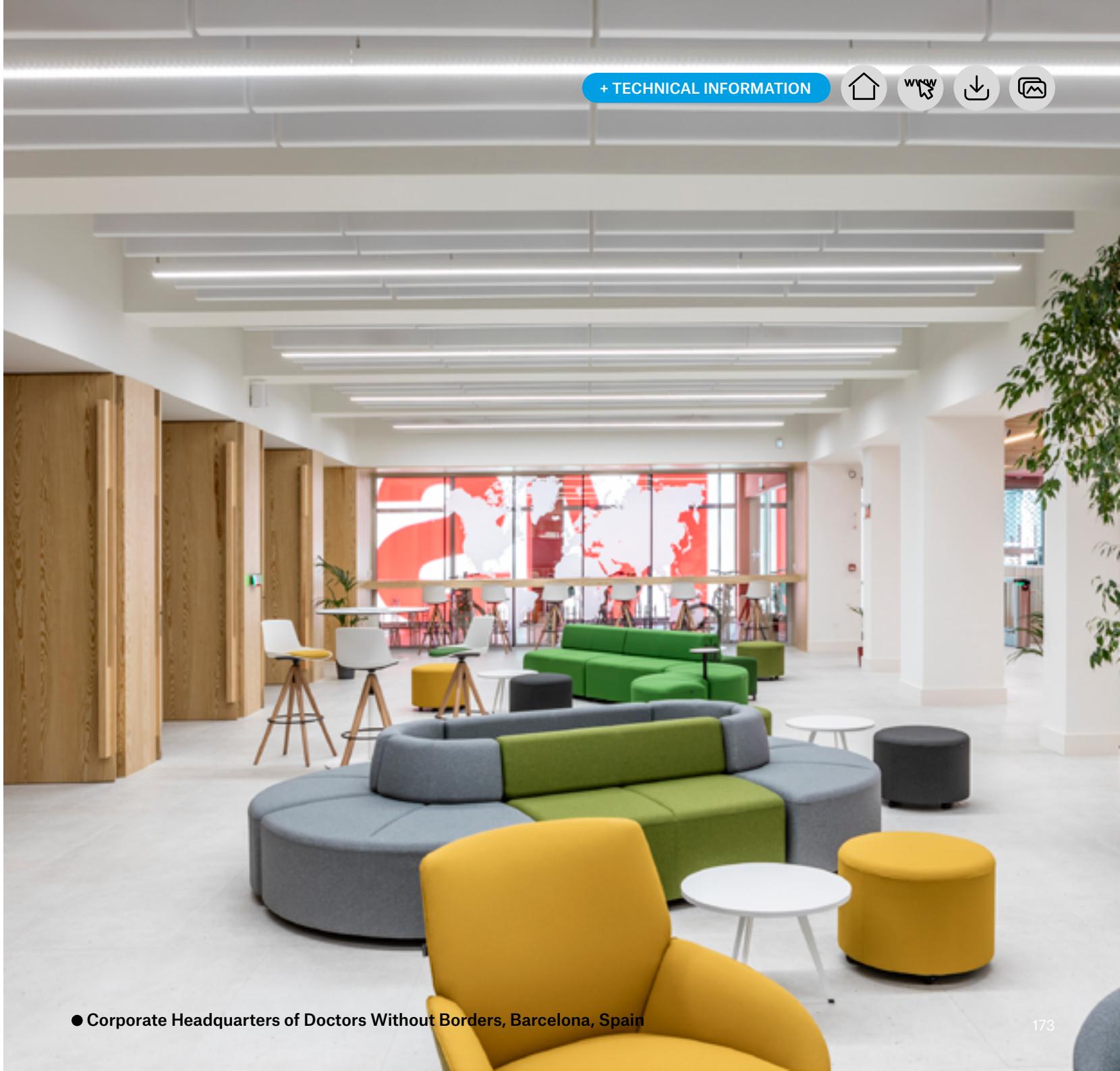
28 W

37 W

55 W

**Finishes** White 02 Grey 01







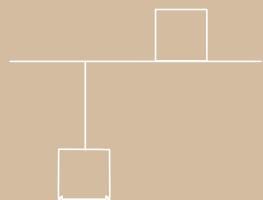
## Fil 70

*"Versatility expressed as structure"*

When a luminaire can adapt to any space, it has one of the most valuable characteristics a product can have: versatility. With a minimalist design, Fil 70 covers a broad range of applications with indirect and direct lighting options, low-glare models, asymmetrical distribution, and distinct installation choices.



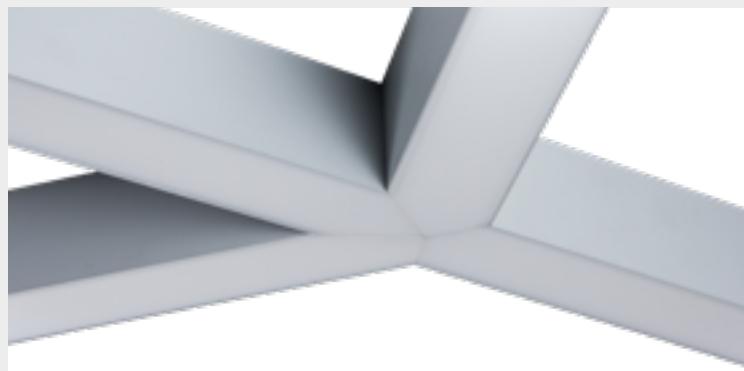
*Design by Lamp*





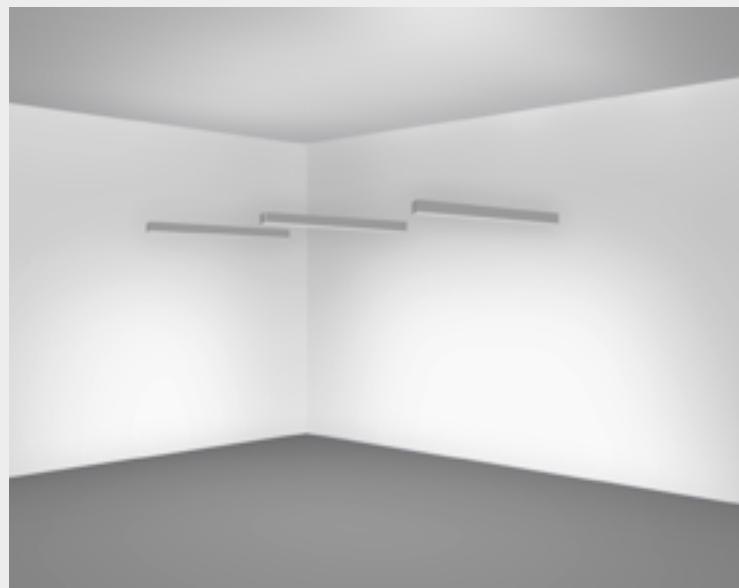
### Lighting control

The Fil 70 range has a wide range of optical solutions, such as the tech and asymmetric light distributions.



### Modular geometric configurability

Linear system to set up the continuous lines through joints, and also special geometries through 90° L-shaped corners.



### Functional and environmental lighting

Direct and indirect lighting integrated into the same luminaire, achieving a double lighting effect for the installation of suspended Fil. Designed for spaces aiming to highlight ceilings or reduce visual fatigue, such as work spaces and offices, avoiding high contrast and glare.

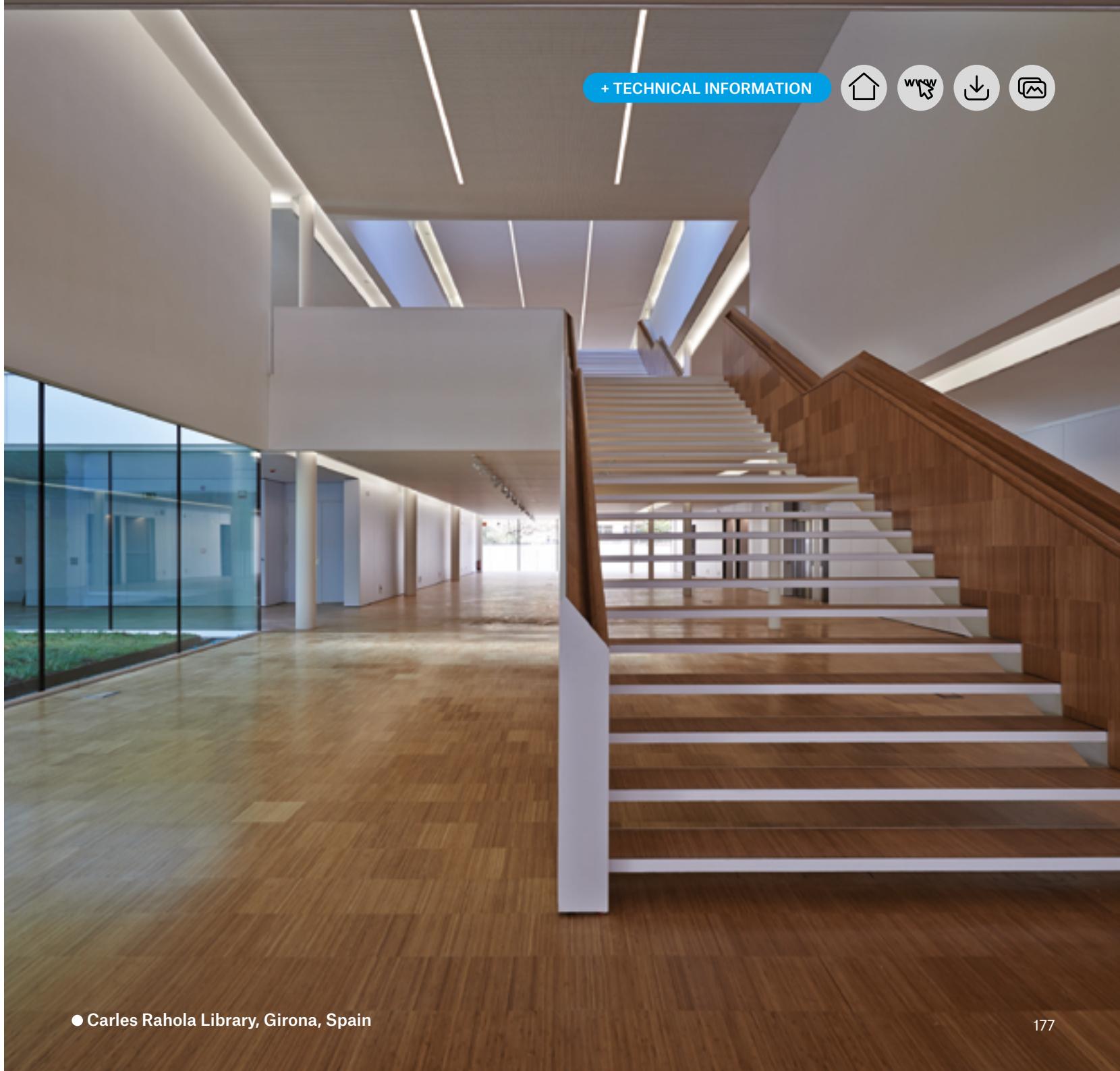
### Photobiological Risk



Our Fil family is classified in the 'Group 0' of photobiological risk, and is therefore completely risk-free. The application of this type of product is extremely important in certain applications, in which users are exposed to artificial lighting for long periods, or spaces where the main users are highly sensitive to light.



Models	OPAL	PRISMATIC	DIRECT / INDIRECT	TECH / TECH ASYMMETRIC	
Dimensions	SURFACE	RECESSED	SURFACE	SURFACE	RECESSED
Lengths	1162 mm	1743 mm		1000 mm	2000 mm
Lm LED	2600 lm 4400 lm	3900 lm 6600 lm		1600 lm 3200 lm	3200 lm 6400 lm
CRI	80				
Beam angle	 Opal	 Prismatic	 Opal	 Tech	 Tech Asym.
Color temp.	3000 / 4000 K				
Gear	ON/OFF - DALI				
Power	17 W 28 W	25 W 41 W		12 W 21 W	25 W 42 W
Finishes	<input type="radio"/> White 02	<input checked="" type="radio"/> Grey 01			







## Lamptub 60

*"The most adaptable luminaire  
to constantly changing spaces"*

The renewed expression of a classic family that adapts to the needs of demanding spaces in constant evolution thanks to its lighting versatility and its multiple installation options.



*Design by Lamp*





## Visual comfort

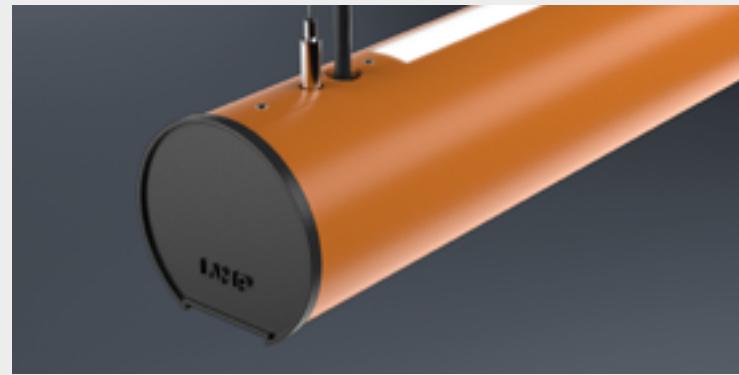
Luminaire classified as "risk-free" RG0 according to the Photobiological Risk standard UNE 62471. Opal diffuser and opal comfort. Available in models with opal comfort diffuser for lower light distribution and glare control UGR19. Maximum visual comfort versions available in low luminous flux models (LO versions) with UGR lower than 15.



## Flexible lighting

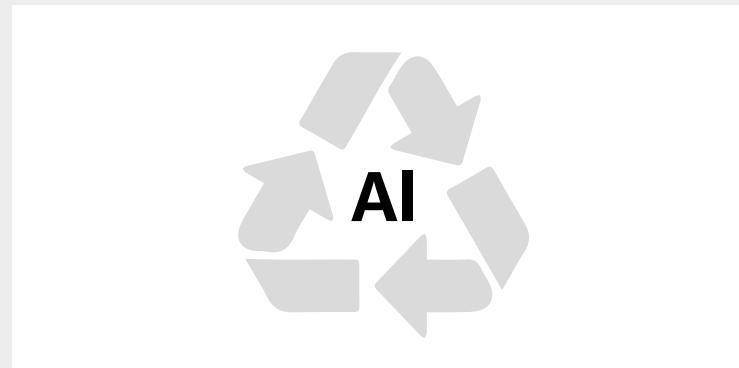
Multiple installation possibilities: track surface or suspended for integration in NOMADIC System, suspended with recessed or surface-mounted trim.

Lamp Worktitude for light



## Versatility

Different light distributions, direct and direct and indirect. Available colour temperatures: 2700K, 3000K and 4000K with CRI 90 or Dynamic White (2700-6500K).



## Sustainability

Designed under a circular economy concept that facilitates the recovery and reuse of the luminaires. Made from recycled extruded aluminium.



Models	SUS. DIR. REC	SUSP. DIR. SUR	TECH	SUS. DIR/IND. REC	TRACK DIR. SUR	TRACK DIR. SUS	TRACK DIR/IND. SUS			
Dimensions	DIRECT			DIRECT / INDIRECT	DIRECT		DIRECT / INDIRECT			
Lengths	840mm	1120mm	1680mm							
Lm LED	1500lm	2600lm	3000lm							
CRI	90									
Beam angle										
	Opal	Opal Comfort	Tech	Dir/Ind Opal	Dir/Ind Opal Comfort	Opal	Dir/Ind Opal			
							Opal Comfort			
Color temp.	2700 / 3000 / 4000 K/TW				2700 / 3000 / 4000 K					
Gear	ON/OFF - DALI									
Power										
Finishes	<input type="radio"/> White	<input checked="" type="radio"/> Black								
Wellbeing Palettes	<input checked="" type="radio"/> 4050-R90	<input type="radio"/> 1505-Y10R	<input checked="" type="radio"/> 7024	<input type="radio"/> 4030-B50G	<input type="radio"/> 7001					
Be Social Palettes	<input checked="" type="radio"/> 4050-R90	<input type="radio"/> 1050-B10G	<input checked="" type="radio"/> 7502-R	<input type="radio"/> 7502-R	<input type="radio"/> 2011					

## Lamptub 60

+ TECHNICAL INFORMATION





# Lamptub 80

*"A classic reinvented by Lamp"*

If you take a look at the most iconic Lamp products, you will doubtlessly encounter the Lamptub, a product developed over 25 years ago. After being updated with new technology, this general lighting product has gone from a basic to a classic.

*Design by Lamp*



## Lamptub 80

+ TECHNICAL INFORMATION



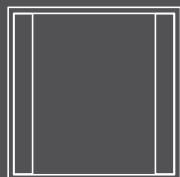


## Modular Light Air

**Modular** is a family of recessed luminaires to fit the majority of ceilings in the market. With LED technology.

Model with high visual comfort optics. Their technical features make them ideal luminaires for installing in offices or shops, where the output and visual comfort are a must.

*Design by Lamp*



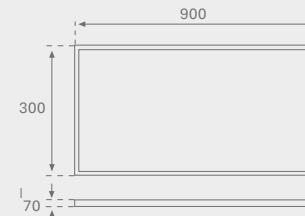


## Models

MODULAR LIGHT AIR



## Dimensions



**Extraction capacity** 40l/sg-144m<sup>3</sup>/h

**Lm LED** 1500lm

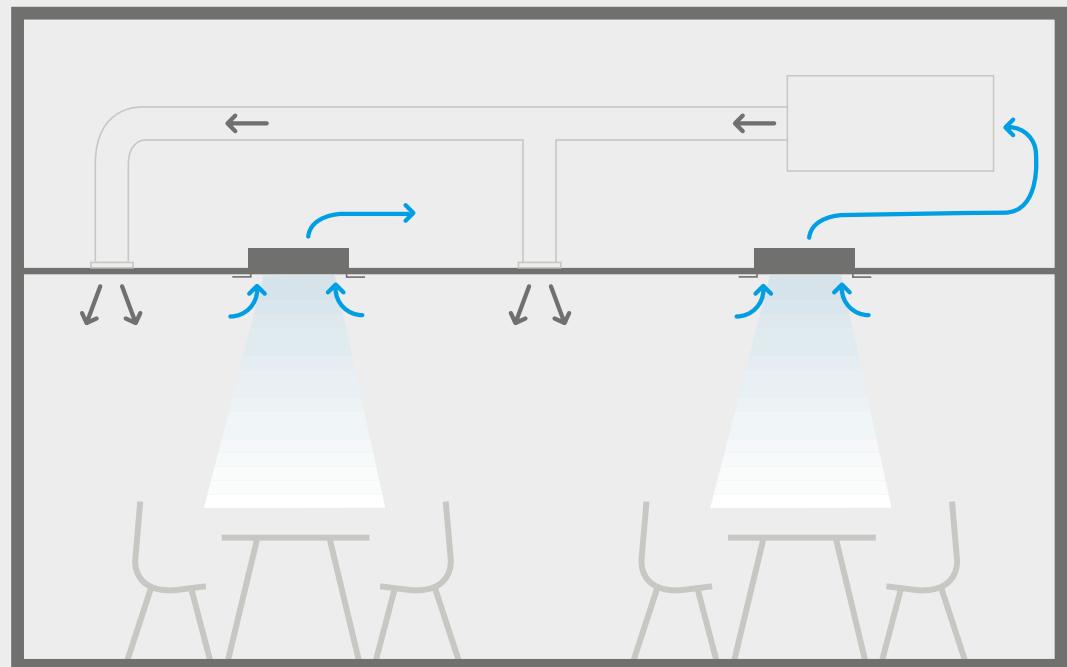
**CRI** 90

**Color temp.** 2700 / 3000 / 4000 K

**Gear** ON/OFF - DALI

**Finishes** ○ White

## DIAGRAM OF AIR RETURN TO PLENUM THROUGH LUMINAIRE MODULAR LIGHTAIR



— Grey line: air expulsion  
— Blue line: air return



## Health Solutions: Clinic & Clinic Gas

Family of hospital headboards with a neutral, minimalist design, ideal for integrating in the space and giving centre stage to the light.

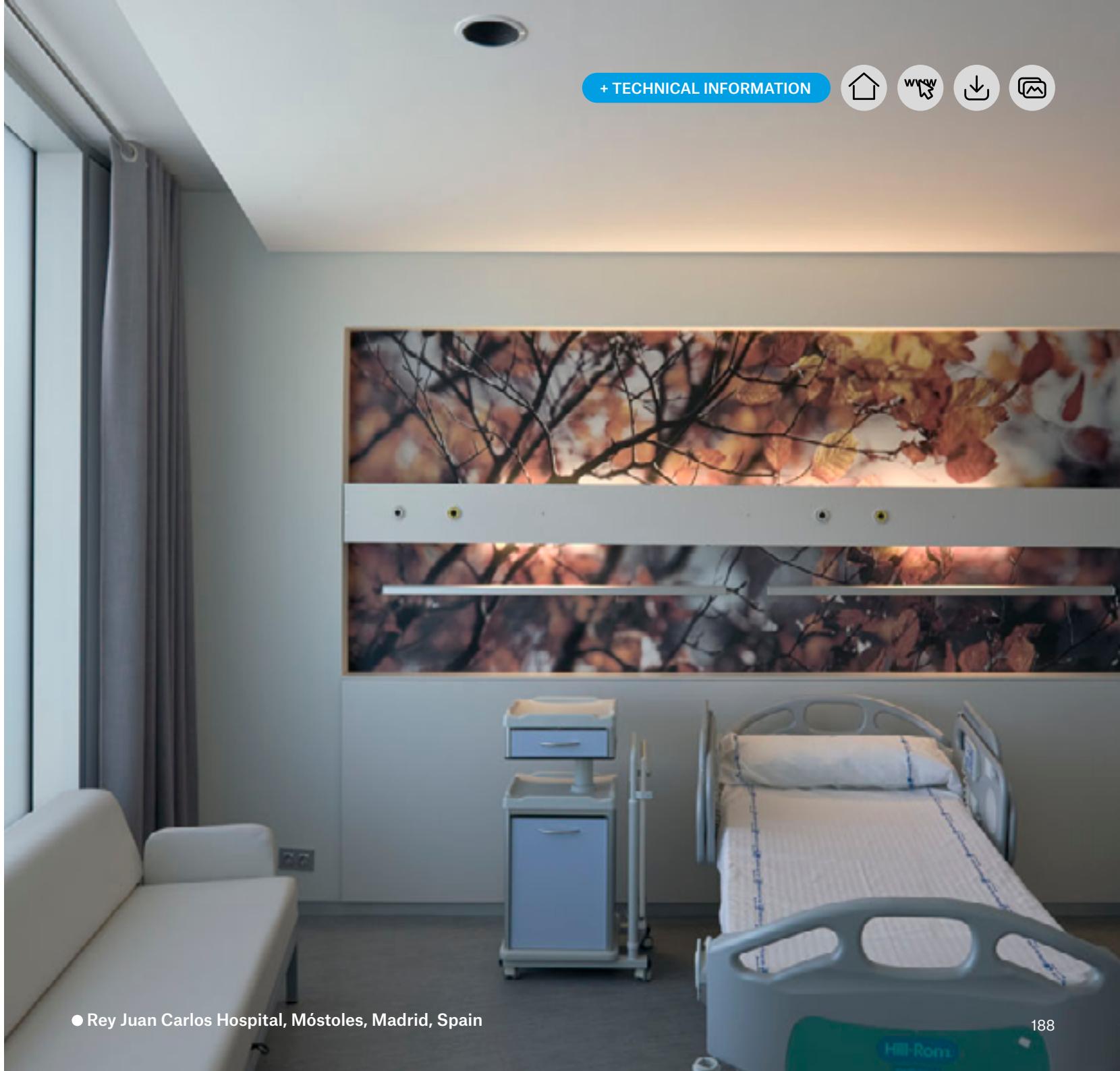
Clinic and Clinic Gas are luminaires that can be customized according to the needs of each project, with the possibility of direct, indirect and reconnaissance lighting, and with a wide range of mechanisms which are always integrated in the top or bottom of the profile in such a way as to be concealed. The Clinic Gas model, also allows the housing of the medical gas outlets in an independent channel, giving great accessibility and usability. This family of bed head units is designed both for hospitals and clinics, and for residences and health centres.

*Design by Lamp*



108





Lamp Worktitude for light

● Rey Juan Carlos Hospital, Móstoles, Madrid, Spain



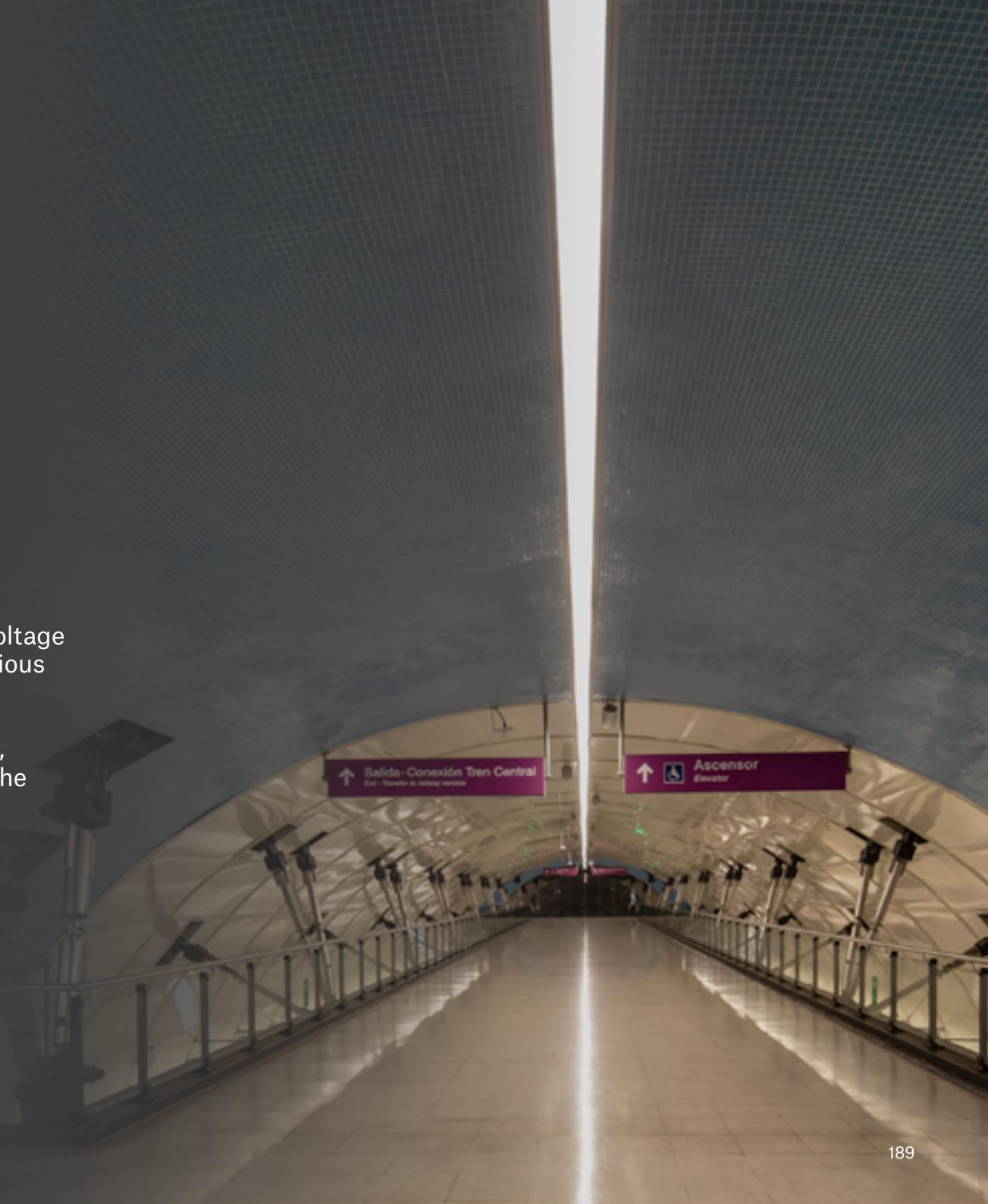
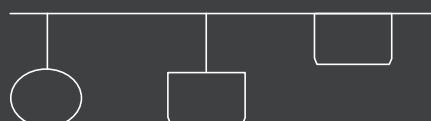
# Transport Solutions

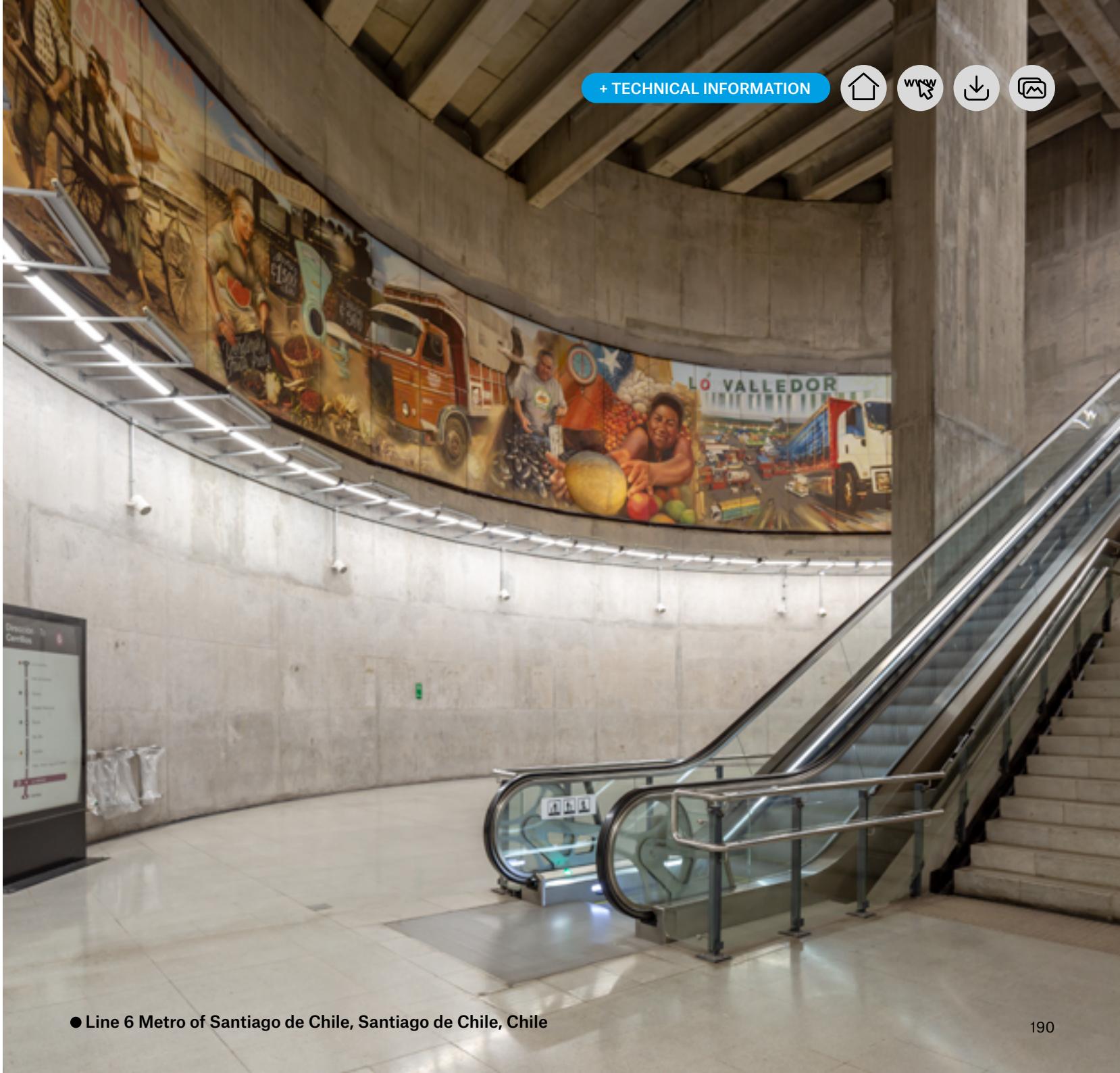
Designed specifically for installation in areas conditioned for pedestrian traffic, such as public transport stations.

Made of extruded aluminium, they are robust but flexible modular systems, with the possibility of integrating emergencies, loudspeakers and low voltage electricity lines, separated from each other by various pipes inside the luminaire.

As in the case of the luminaires designed for the Santiago de Chile, Barcelona and Toulouse metro, similar luminaires can be designed according to the needs of the project.

*Design by Lamp*







# Seti

*"More than just a sculpture"*

More than an outdoor bollard, Seti is a vertical lighting system that was designed with the goal of covering an infinite number of constructive possibilities and lighting layouts.

*Design by Antoni Arola*





## Formal elegance

Dimensions reduced to the minimum expression, slim design with a section of 39mm x 120mm.



## Wide range of lighting effects

### Two lighting applications

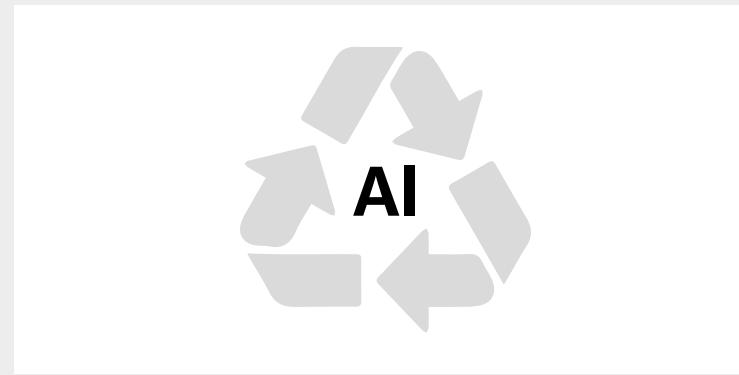
Individual: illuminates the horizontal plane unidirectionally.

Double: illuminates the horizontal plane bidirectionally.

### Two optics options

Spot: illuminates on the horizontal surface with a high contrast on the illuminated and unlit surface

Soft: the product takes presence and generates a more blurred light on the horizontal surface.



## #Worktitude For Life

Product made of recycled aluminium extrusion at a rate of 80-85%, reducing the carbon footprint of products and processes, as well as the environmental impact across the entire value chain.



## Variety of finishes

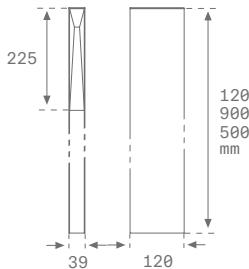
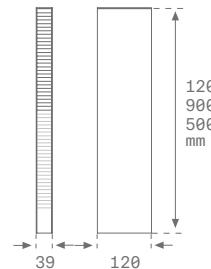
"Different finishes and combinations with white-black, and anthracite-black. Finishing of the different product in the internal and external part, which generates a differentiation in the perception of the different planes. Possibility to customize the color."

**Models**

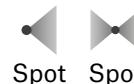
SOFT



SPOT

**Dimensions****Lm LED** 200 lm - 1000 lm**CRI** 80**Beam angle**

Soft

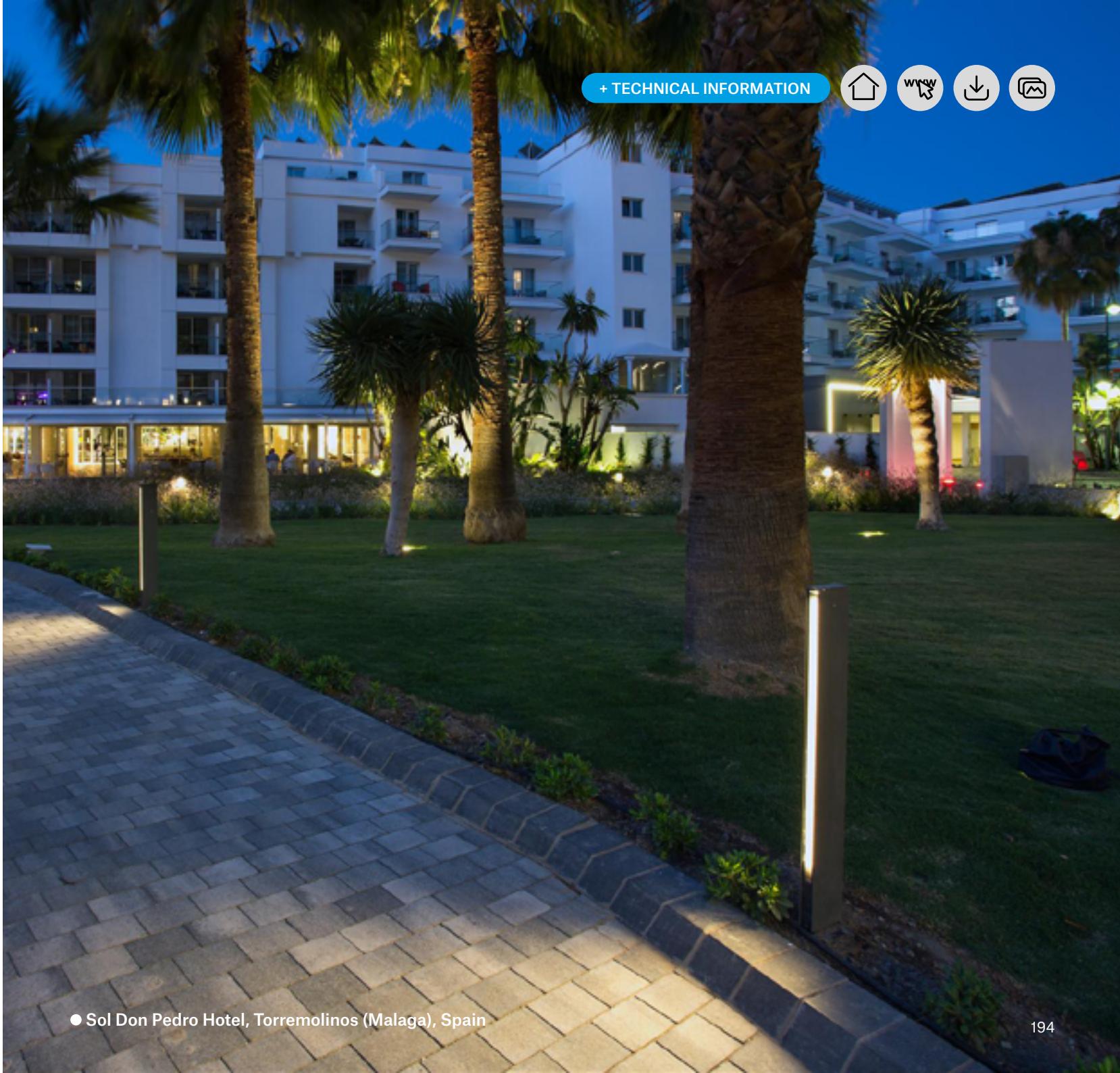


Spot

**Color temp.** 3000 K**Gear** ON/OFF**Power** 3 - 9 W**Finishes**

● Anthracite 01

● Black 03



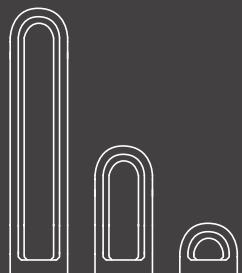


## B-Side

*"Disruptive technologies in product design"*

A concept based on the idea that the object itself can collect the light that it generates, enhancing the product's character as an ambient element. The LED light allows for a lightweight design which is adapted for function, contributing to its aesthetic and functional value.

*Design by Lamp*





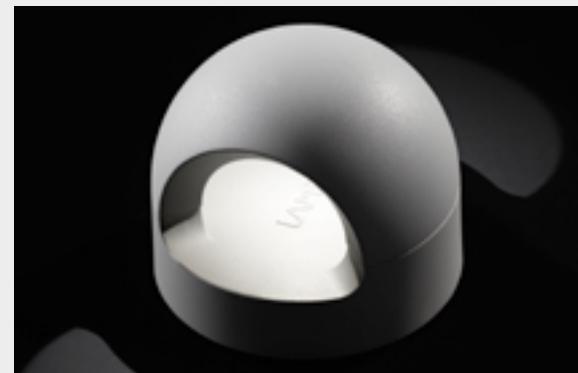
## Versatile lighting effects

The B-side family enables the possibility of bollards with bi-directional lighting flush to the ground, also at different heights to bathe outdoor areas such as passages or routes. There is also a version with a 360° lighting effect.



## Tamper-proof

Its robust construction (IK10) makes it safe and solid for public spaces, as its structure remains intact in case of any outside impact or attack. This makes B-Side LED an excellent vandal-proof solution to light public parks, gardens and different urban areas.



## Anti-corrosion

The range of B-Side LED bollards is composed of 6 models according to their height and power, all of them IP65. It is made of aluminium extrusion, injected, and lacquered in grey textured polyester. Its base has an anti-corrosion treatment, which enables to be installed on any type of surface.

## #Worktitude For Life

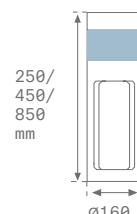
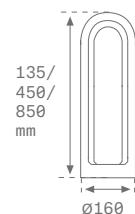
Product made of recycled aluminium extrusion at a rate of 80-85%, reducing the carbon footprint of products and processes, as well as the environmental impact across the entire value chain.

**Models**

B-SIDE



B-SIDE 360°

**Dimensions****Lm LED** 93 lm - 171 lm

451 lm - 8581 lm

**CRI** 80**Beam angle**

Spot



360°

**Color temp.** 4000 K**Gear** ON/OFF**Power** 2 - 4,8 W      8 - 17 W**Finishes** ● Anthracite 01      ● Grey 03





## Lup

*"Lighting designed to enhance  
the environment"*

Under the same formal language, Lup Wall Mounted and Downlight provide both accent lighting and general lighting solutions for outdoor spaces, thanks to the optimization of their design that seeks to mimic the natural environment through greater light versatility.

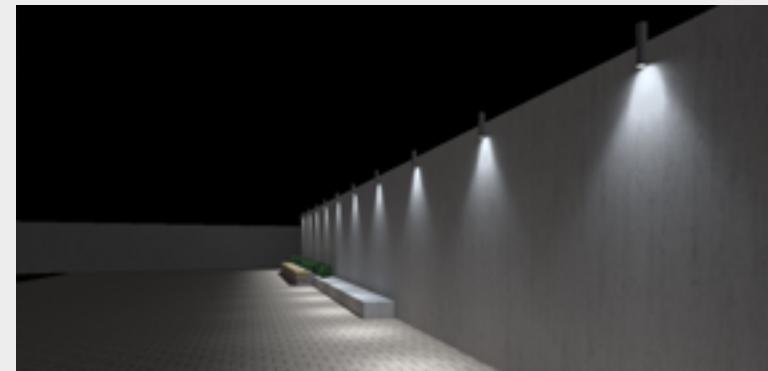
*Design by Diba Studio*





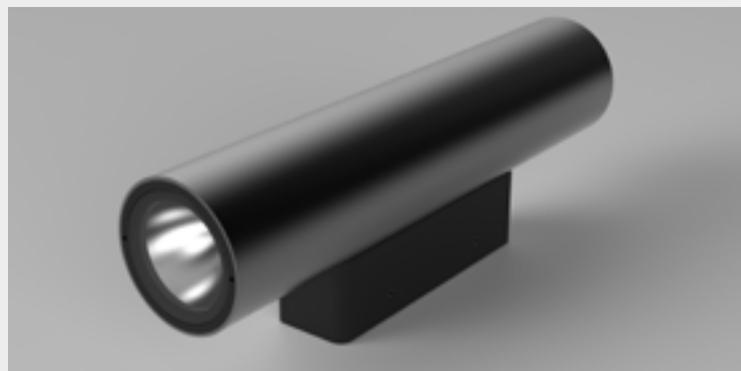
## Versatility

A family of downlights and wall lights that follow the same aesthetic line and formal coherence, by covering different applications.



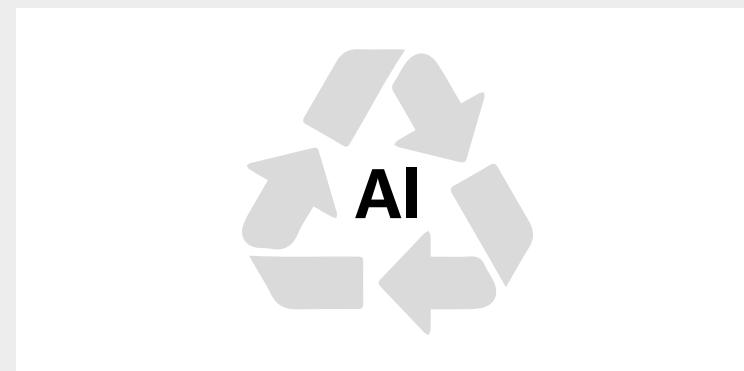
## Versatile lighting effects: Symmetrical, Asymmetrical

Wall light available with direct and indirect lighting, or only direct lighting offers different optics; medium; spot and asymmetrical.



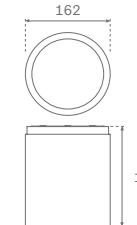
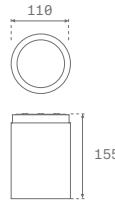
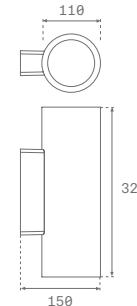
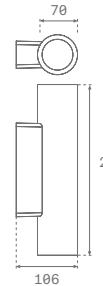
## Compact design

Wall light with a minimalist, elegant and compact design, in which the joints disappear, reducing them as much as possible. This design enables perfect integration into any space.



## #Worktitude For Life

Product made of recycled aluminium extrusion at a rate of 80-85%, reducing the carbon footprint of products and processes, as well as the environmental impact across the entire value chain.

**Models****ø 70****ø 110****ø 110****ø 162****Dimensions****Lm LED** 1000 lm - 3000 lm

1000 lm - 4000 lm

500 lm - 1000 lm

3000 lm - 4000 lm

**CRI** 80**Beam angle****Color temp.** 3000 / 4000 K

4000 K

**Gear** ON/OFF**Power** 9 - 12 W

23 - 33 W

5 - 8 W

23 - 30 W

**Finishes** ● Black 03





# Gap

*"Architecture-enhancing lighting  
for highly demanding applications"*

A project with an empirical design based on the study of spaces, minimising the height of the recessed light, and guaranteeing that watertightness does not depend on its installation, gave us the final model for this product.

*Design by Diba Studio & Lamp*





## Versatile application: Uplight & Downlight

Special recessing ring to be installed in false ceilings with a decorative frame. It can also be recessed in floors and walls of shallow depth.



## Compact: Height

Very compact design with a minimum recessing height, enabling this luminaire to be installed in multiple areas.



## Adjustable Optics

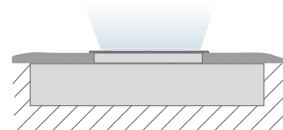
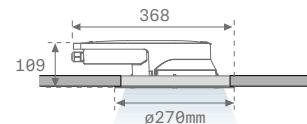
Recessed adjustable uplight with tilting option to adjust the emitted light, and easy installation. This family can be used for spot, flood, and wide flood optics.



## Models



## Dimensions



**Lm LED** 1400 lm - 3600 lm

**CRI** 80

## Beam angle



**Color temp.** 3000 / 4000 K

**Gear** ON/OFF

**Power** 10 - 30 W

**Finishes** ● Inox 02

Gap

+ TECHNICAL INFORMATION



Lamp Worktitude for light

● Oxxeo Office Building, Madrid, Spain

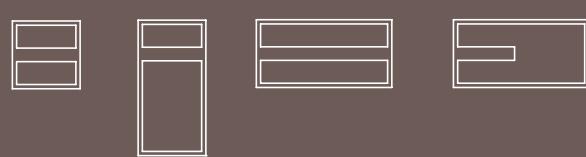
206



# Trace 65

*"Light reveals shape"*

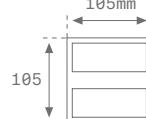
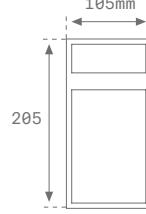
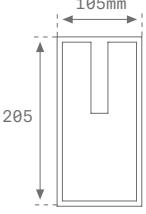
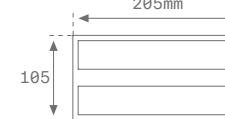
Searching for a way in which to illuminate spaces without the light source being visible, and taking inspiration from the light created by the moon during a solar eclipse, a new luminaire was created which reveals itself when it is turned on, creating a soft, diffused light that seems to come from within a line.



Design by artec3 Studio





Models	100	200	200	200
				
Dimensions				
Lm LED	150 lm			300 lm
CRI	80			
Beam angle	 Sym.	 Asym.	 Asym.	 Sym.
Color temp.	3000 K			
Gear	ON/OFF			
Power	1 W			3 W
Finishes	● Black 07			

## Trace 65

+ TECHNICAL INFORMATION



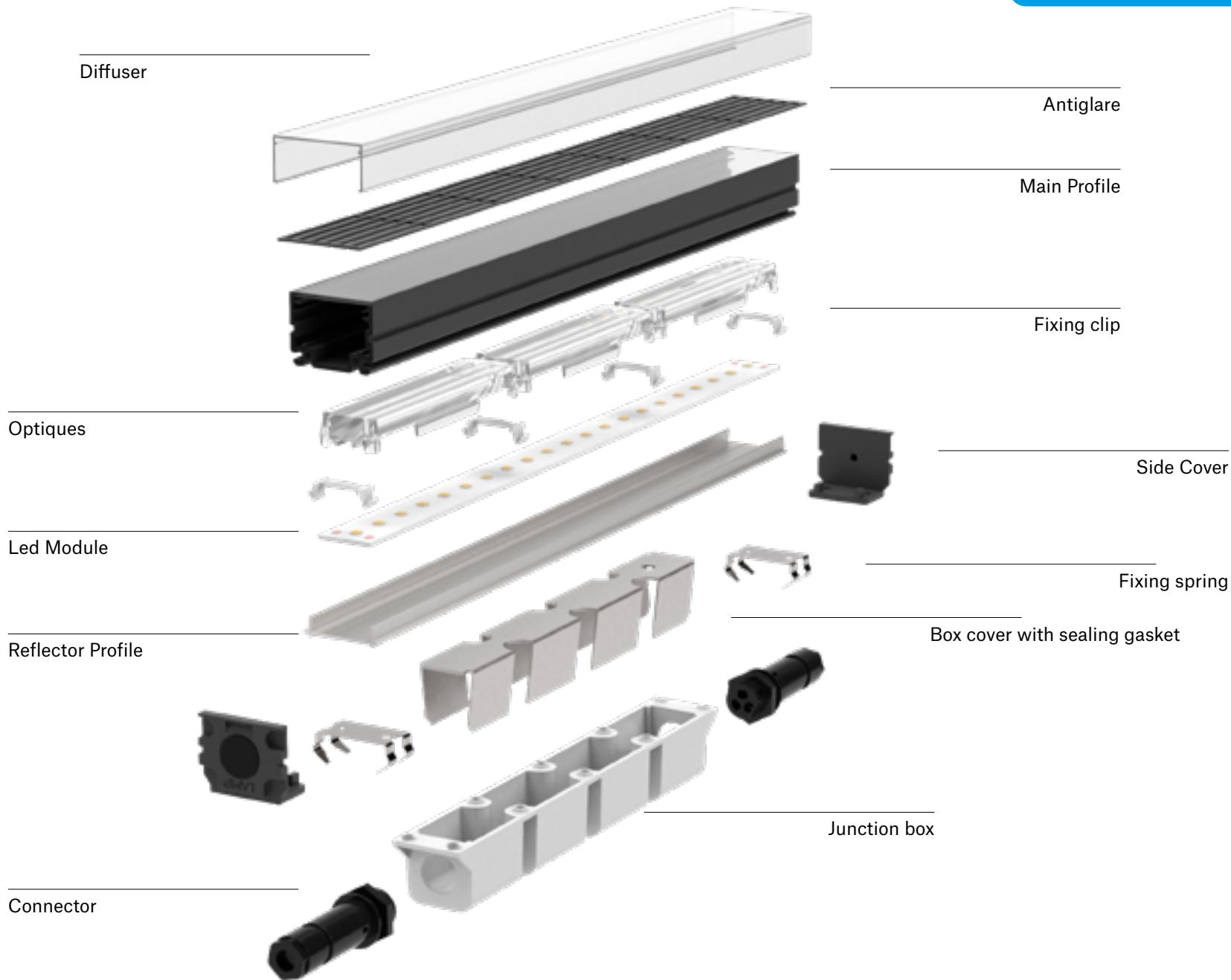


# Duit

*"Greater than the sum of its parts"*

Scalable lighting programme around a lighting unit that, when combined with installation accessories and optics, creates an ecosystem of outdoor solutions with a holistic and environmentally friendly approach.

*Design by LA INVISIBLE LAB & Lamp*





### Highly versatile and configurable system:

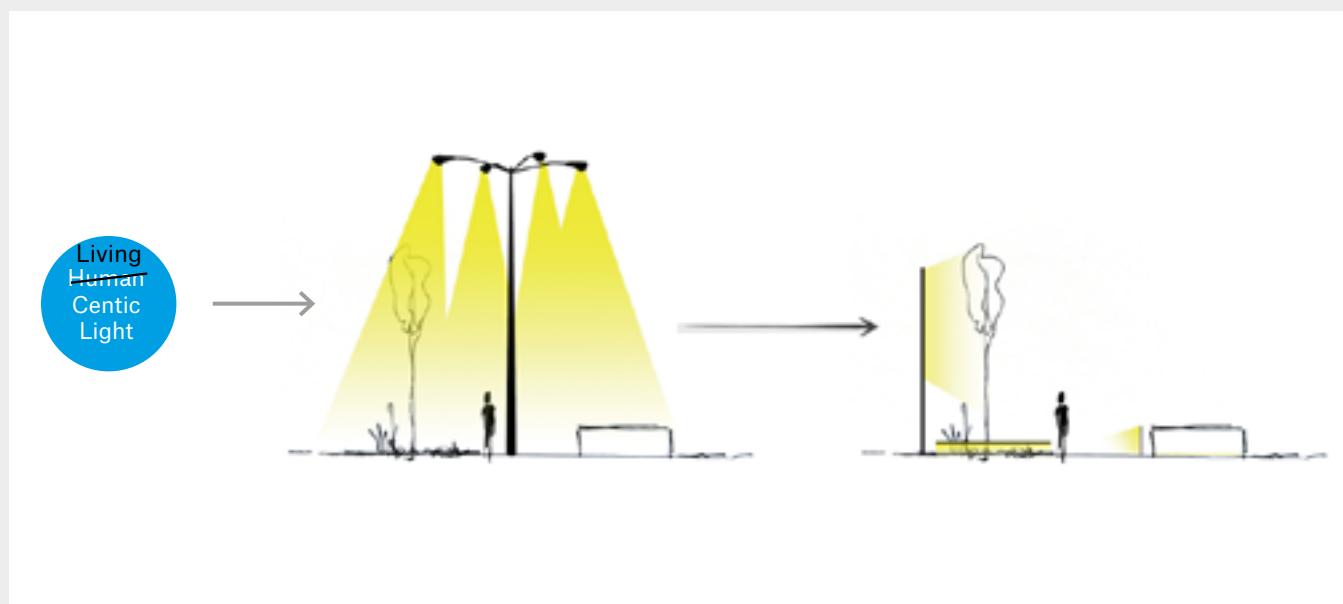
By selecting a lighting module with multiple photometry versions and combining it with different installation and optical accessories, DUIT becomes a lighting solution capable of meeting most of the lighting requirements of systems for architectural lighting (facades), user environment lighting, or pathway lighting.

### Integration:

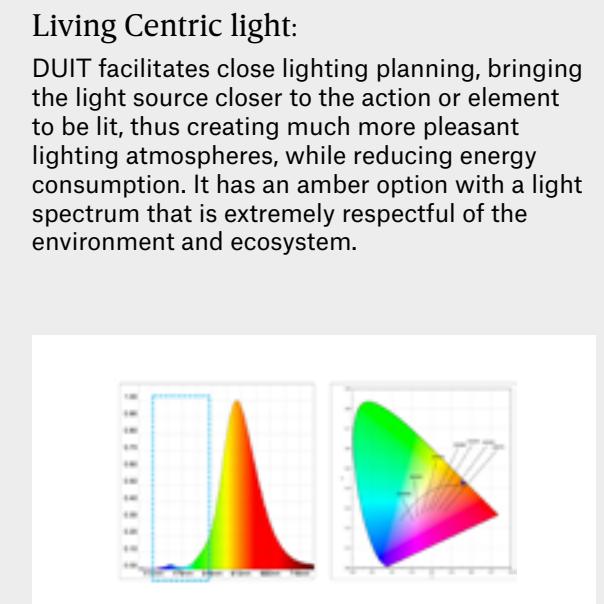
By optimising its dimensions, a high integration and interaction with any outdoor space can be achieved without compromising the technical aspects of the product. Thanks to its minimally intrusive anchoring systems, it can be installed in both new construction and renovation projects, reducing the visual impact.

### Scalable and separable system:

The range has been conceptualised to create a scalable solution that can be mechanically and technologically upgraded. Its piecemeal design facilitates sorting materials, which can then be recovered and recycled.



Lamp Worktitude for light



Models	LIGHT ENGINE		ACCESSORIES				MINIMUM ANCHORS
	SURFACE	INDIRECT	BASIC	RECESSED	REC. ASYM	TRIMLESS	
							
<b>Dimensions</b>							
Lm LED	1000 lm - 2160 lm						
CRI	80						
Beam angle							
Color temp.	2700 / 3000 / 4000 K / TW / Amber						
Gear	ON-OFF/DALI/DALI TW						
Power	1,3 - 23,4W						
Finishes	● Black 06						



## Configuration

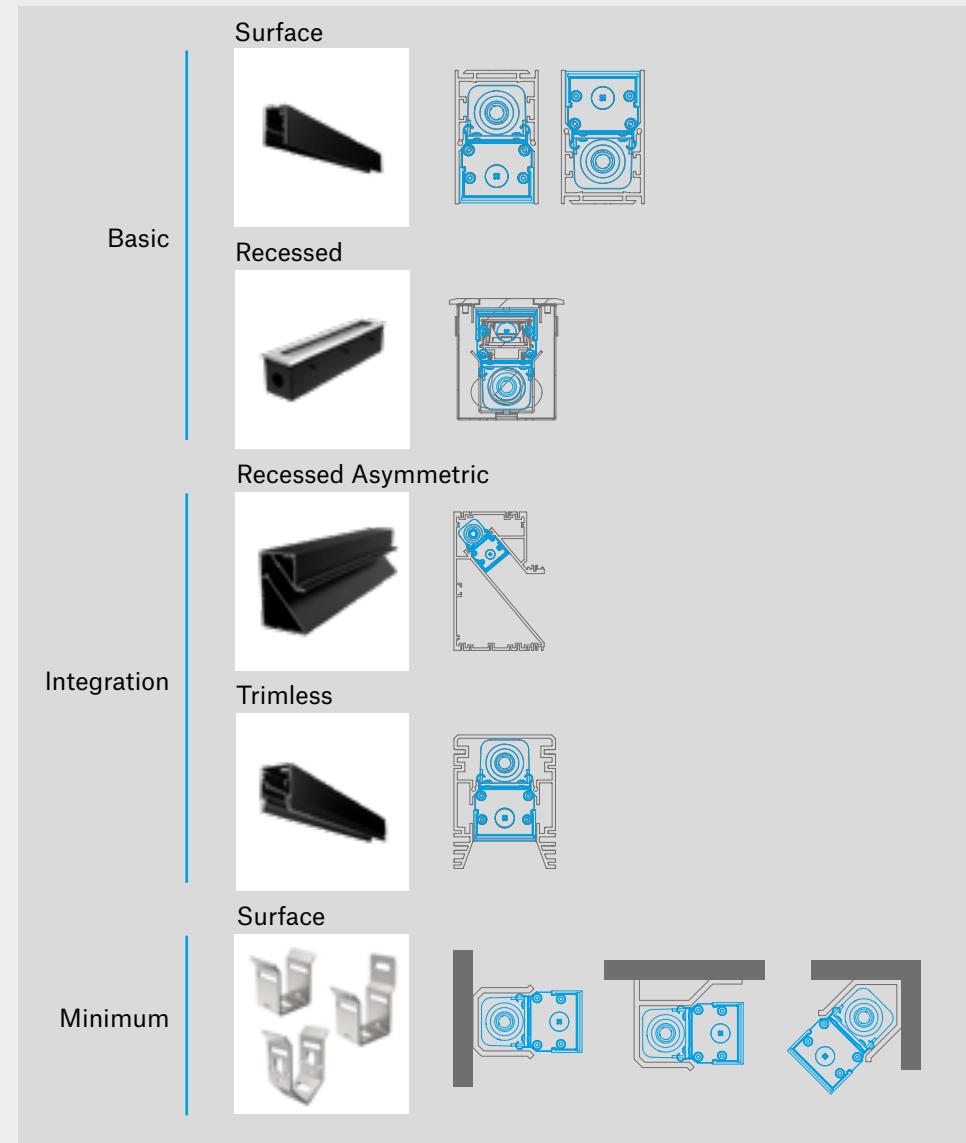
## 1. Light Engine



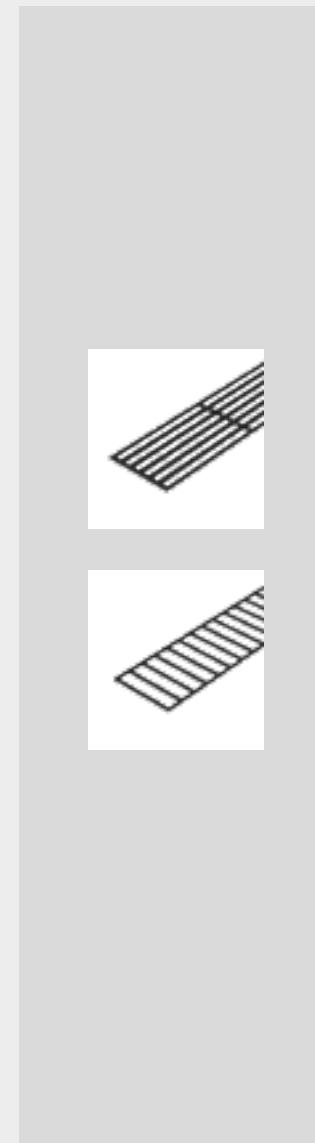
Driver



## 2. Installation accessories



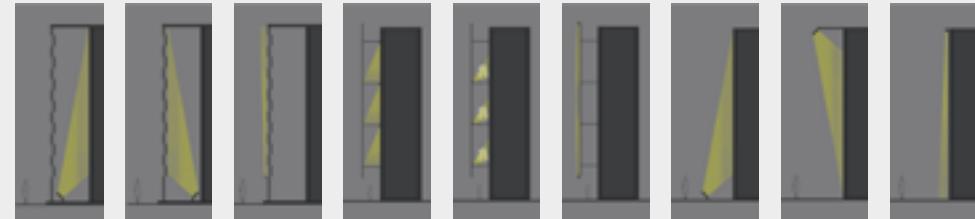
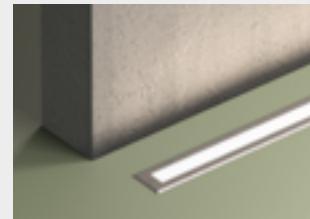
## 3. Optic Accessories





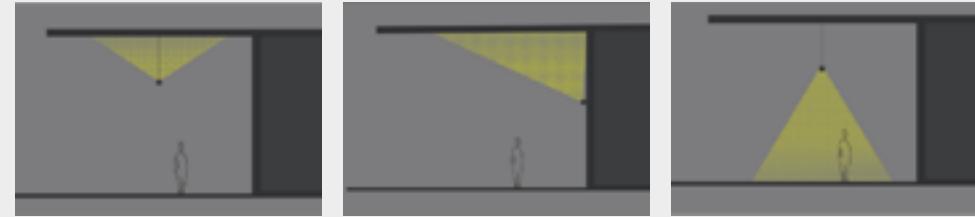
## Living Centric Light

Architectural



Living  
Human  
Centric  
Light

Surroundings

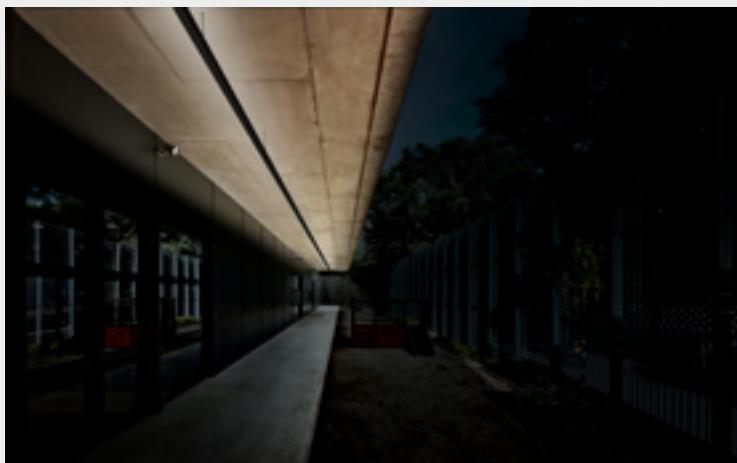
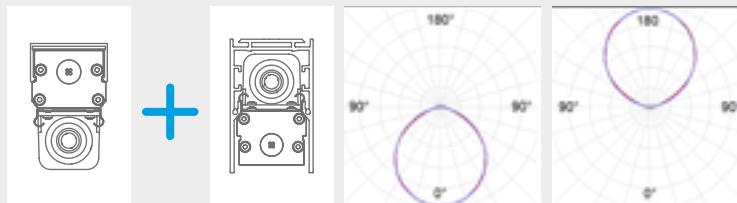


Paths

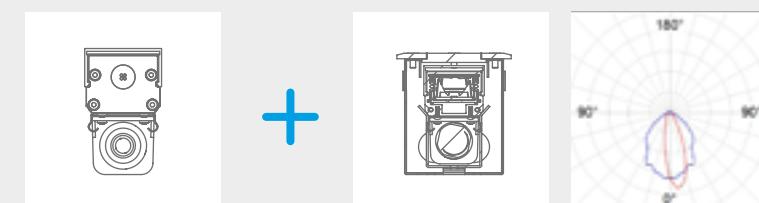




### Basic Surface

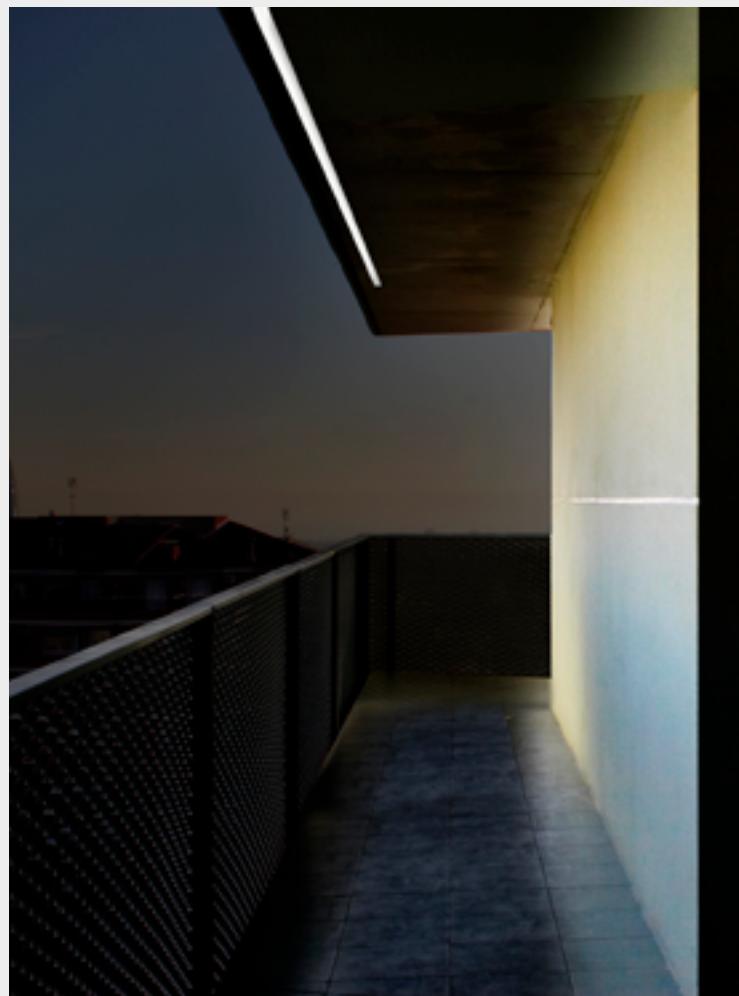
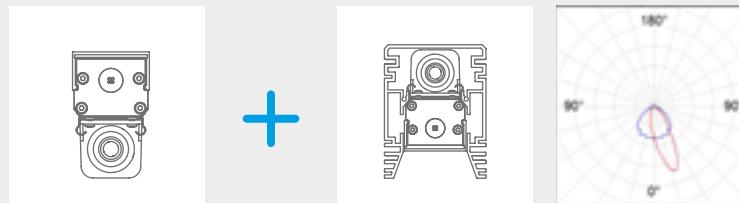


### Basic Recessed



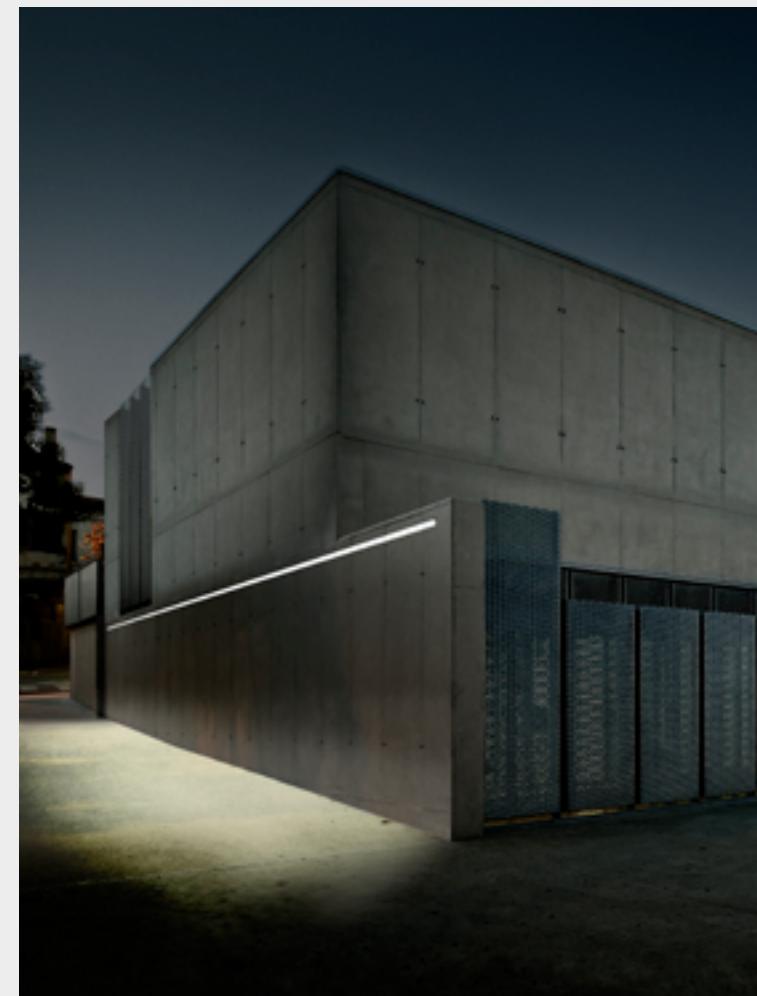
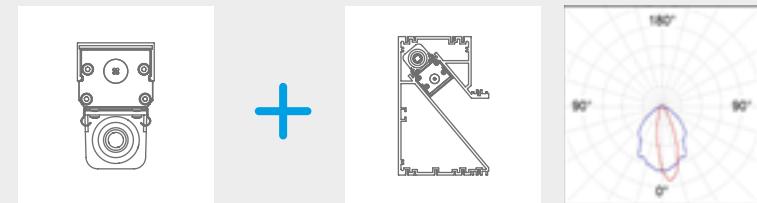


### Integration Trimless



Lamp Worktitude for light

### Integration Asymmetric



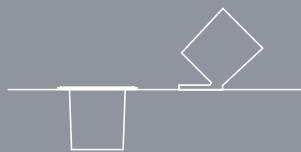


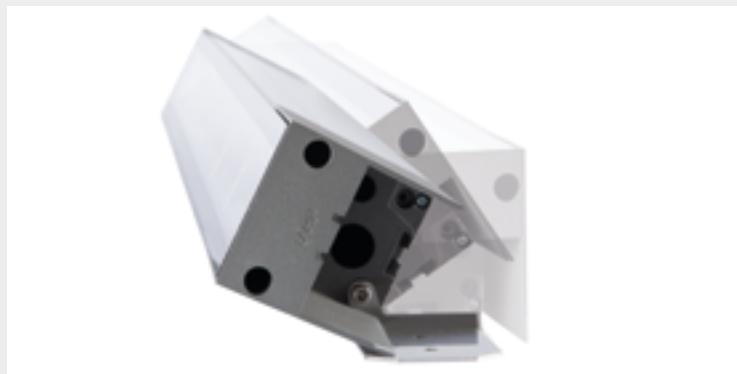
# Bazz

*"Uniform lines of light"*

Bazz is born from the need to provide uniform lighting and facilitate the installation of outdoor linear applications. It is a product with technical character and a broad range of options that provide concrete solutions to a wide variety of architectural applications.

*Design by Lamp*





### Application versatility

This family is designed to provide solutions for different installation methods; both recessed and surface mounted. The end caps are made of aluminium injection and enable the luminaire to be inclined, to direct the light where it is most suitable in each application.



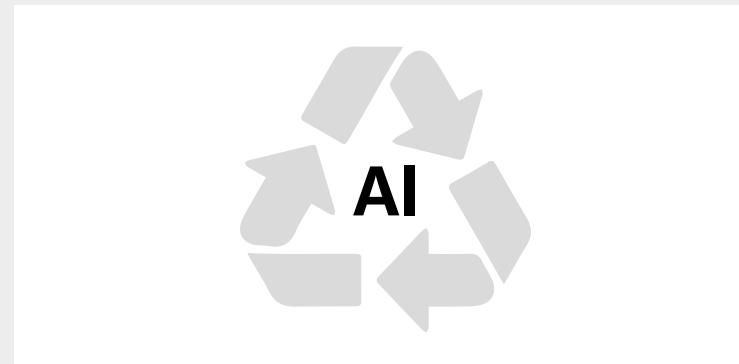
### Ease of installation

Quick and watertight connectors on the end caps of the luminaire enable easy and convenient installation.



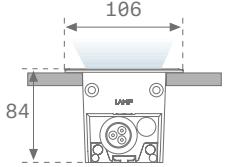
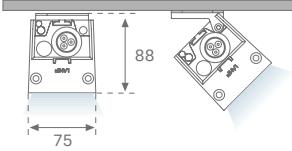
### Continuous lines

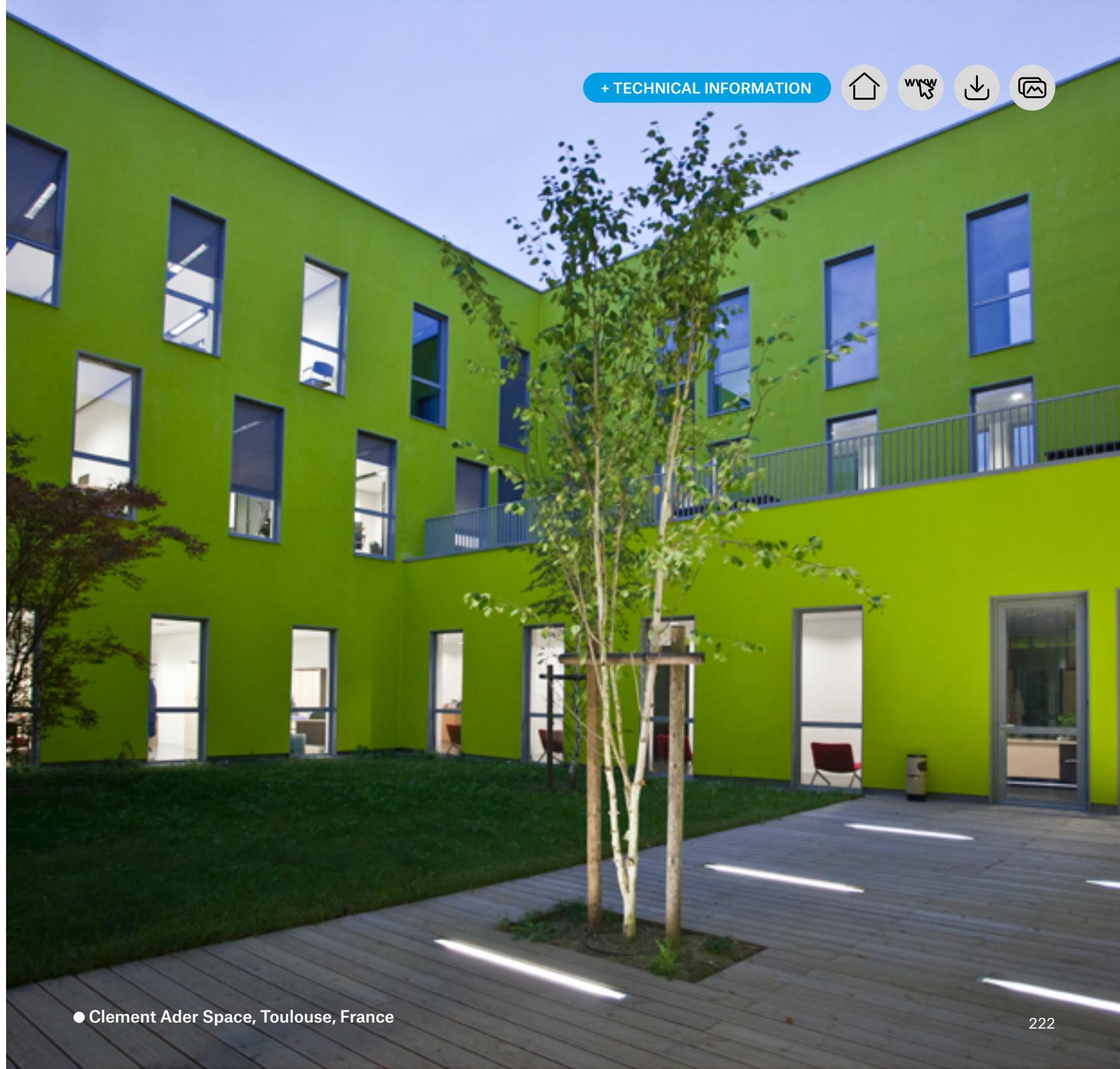
In addition to the standard lengths, this luminaire is designed for installation in continuous lines and customisation of its lengths.



### #Worktitude For Life

Product made of recycled aluminium extrusion at a rate of 80-85%, reducing the carbon footprint of products and processes, as well as the environmental impact across the entire value chain.

Models	RECESSED				AIR						
	SYM	ASY	WW	OPAL	SYM	ASY	WW	OPAL			
											
Dimensions	RECESSED						AIR				
											
Lm LED	1980 lm - 8100 lm			4200 lm							
CRI	80										
Beam angle	Sym.	Asym.	WW	Opal							
Color temp.	3000 / 4000 K		3000 / 4000 K		3000 / 4000 K		3000 / 4000 K				
Gear	ON/OFF										
Power	19 - 75 W		37 - 75 W		31 - 63 W		19 - 75 W				
Finishes	● Black 06										



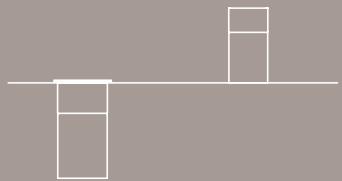


# Bauline

*"The linear spotlight"*

It is a product characterised by its small size and versatile application. It can be used for side-lighting applications to emphasise a surface, to highlight textures, or to define spaces.

*Design by Lamp*



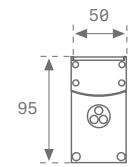
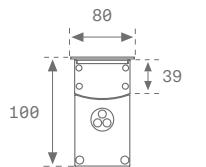


**Models**

RECESSED



SURFACE

**Dimensions****Lm LED** 3600 lm - 5000 lm**CRI** 80**Beam angle****Color temp.** 3000 / 4000 K**Gear** ON/OFF**Power** 17 W      34 W**Finishes** ● Grey 02



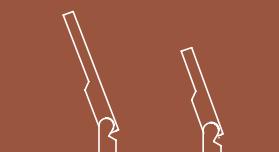


# Flut

*"Form follows function"*

Flut is a clear example of the philosophy defended by the Bauhaus school and embodied in the famous phrase: "Form follows function." A family of products with a compact, neutral design and a wide array of solutions designed to simplify the installation process.

*Design by Lamp*





### Multiple orientation possibilities

This family contains a ball joint to swivel between 90° and -30° in the desired direction, and contains an anti-condensation valve.



### Wide range of accessories

It has a wide range of accessories, such as anti-glare fins, supports and clamps to create a Road System, with cone-shaped or cylindrical columns, ideal for lighting pedestrian areas.



### Compact design.

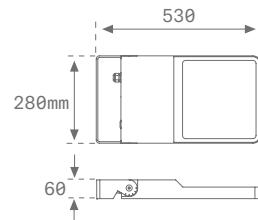
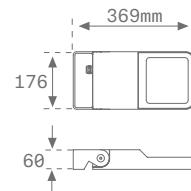
The compact design of this luminaire integrates maximum efficiency in a very small space, allowing minimum impact on the environment.

**Models**

MINI FLUT



FLUT

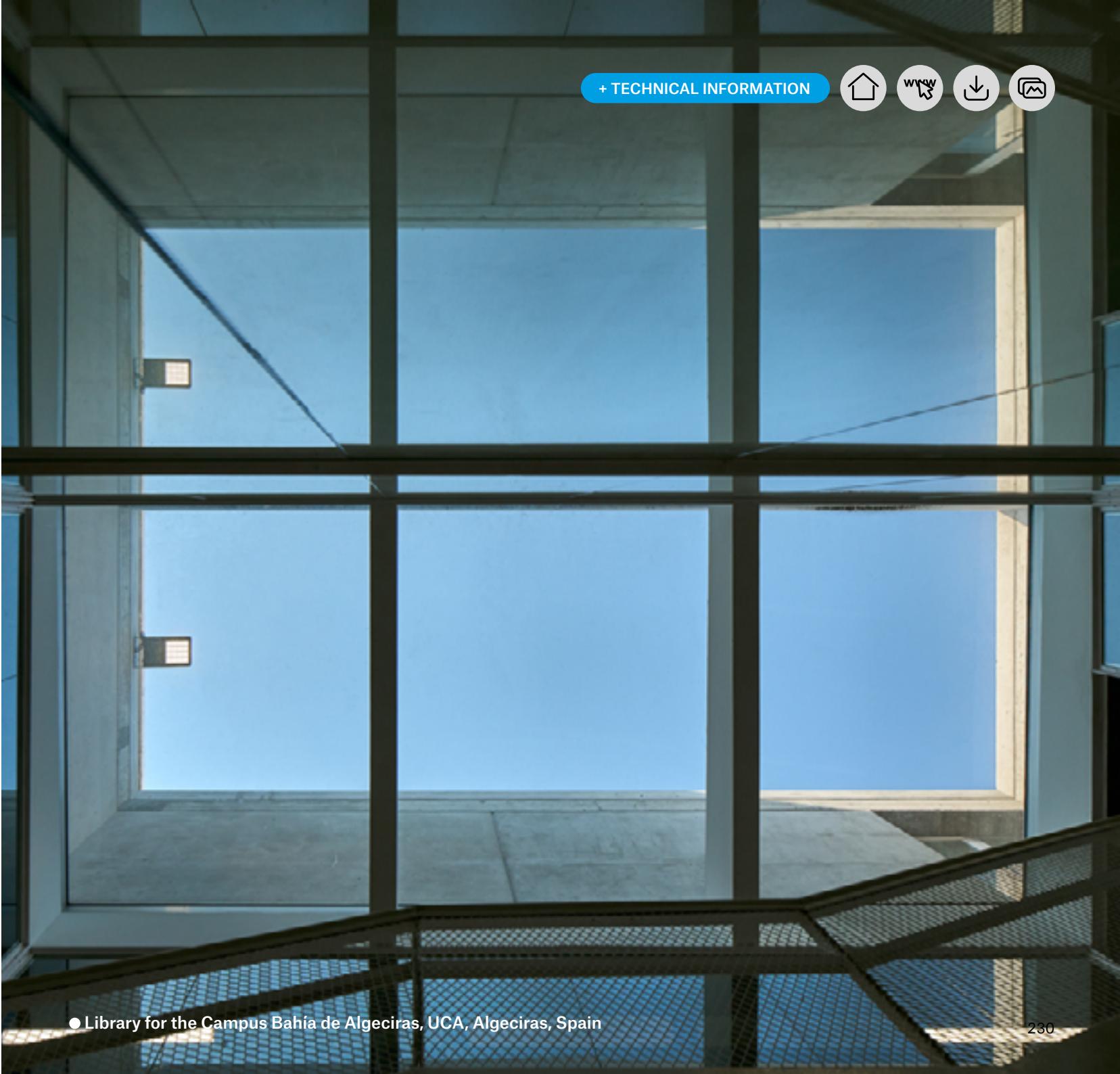
**Dimensions****Lm LED** 3000 lm - 5000 lm

9300 lm - 18700 lm

**CRI** 80

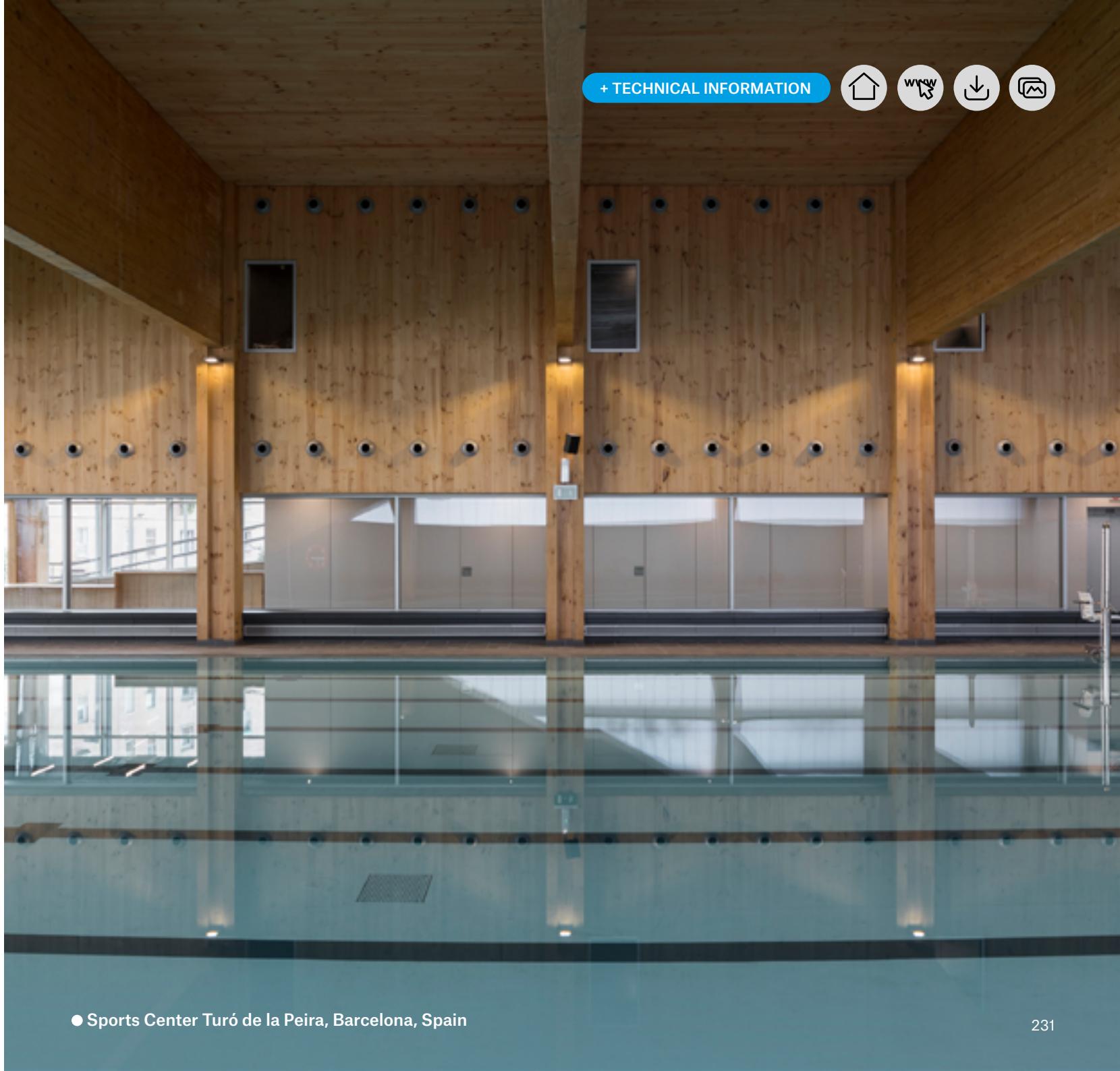
80

**Beam angle****Color temp.** 3000 / 4000 K**Gear** ON/OFF**Power** 23 - 44 W      54 - 117 W**Finishes** ● Grey 03      ● Antrhracite 01



Lamp Worktitude for light

● Library for the Campus Bahía de Algeciras, UCA, Algeciras, Spain





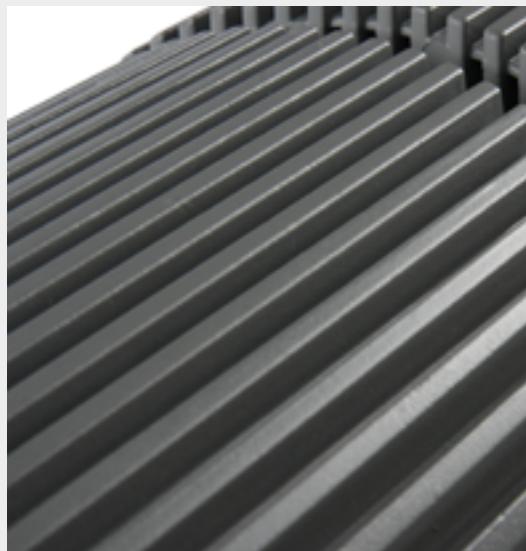
# Shot

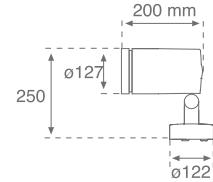
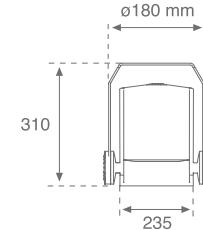
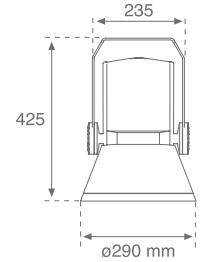
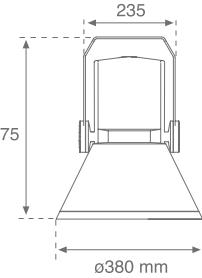
*"Technical purity"*

From a technical premise based on the performance and maintenance of the luminaire, a shape was designed for strictly functional purposes, such as temperature dissipation, without adding superfluous elements.

*Design by Diba Studio & Lamp*





Models	MINI SHOT	SHOT	SHOT 290	SHOT 380
				
Dimensions				
Lm LED	1500 lm - 3800 lm	5000 lm - 7000 lm	6500 lm	7000 lm - 10500 lm
CRI	80			
Beam angle	 SP 11°  MFL 24°	 SP 11°  MFL 24°  ST		
Color temp.	2700 / 3000 / 4000 K			
Gear	ON/OFF - TRIAC			
Power	10 - 30 W	37 - 56 W	48 W	45 - 73 W
Finishes	● Grey 03	● Anthracite 01		

+ TECHNICAL INFORMATION







# INDOOR

## A

- AMBIENT 238

## D

- DOMO 160 240
- DOMO 220 242

## F

- FIL 35 245
- FIL 45 254
- FIL 50 262
- FIL 70 267
- FIL 120 273
- FINE LED STRIP 279

## G

- GENERAL ACC. 506

## H

- HANCE 48V 285
- HANCE DOWN. 291
- HANCE SPOT. 297
- HEALT & WELL 305
- HERMETICA 311

## I

- IMAG 313

## K

- KOMBIC DOWN. 318
- KOMBIC SUR. 337

# OUTDOOR

## B

- B-SIDE 438
- BAULINE 442
- BAZZ 446

## D

- DUIT 451

## F

- FLUT 461

## G

- GAP 467
- GENERAL ACC. 506

## L

- LUP 470

## N

- NIU 474

## O

- OWL 477

## S

- SETI 480
- SHOT 487

## T

- TRACE IP65 497

## U

- URBAN 100 500

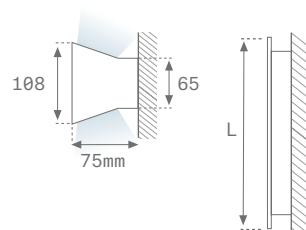
## X

- XTREMA 503



# Ambient

## Ambient

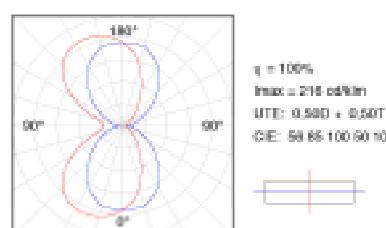


### AMBIENT

Family	Format	Format (L)	Lm LED	CRI	K	Gear	Finishes
<b>AM1</b>	<b>WM</b>	<b>700</b> 700mm <b>130</b> 1300mm	<b>15</b> 1500lm	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF	<b>W</b> White 02 <b>G</b> Grey 01
AM1	WM	070	15	8	30	N	W

### TECHNICAL CHARACTERISTICS

#### Optics



#### Light output and power

#### AMBIENT

OP	700mm				1300mm	
	K	CRI	W	lm Output	W	lm Output
	3000	80	16	1950	31	3900
	4000	80	16	2030	31	4060

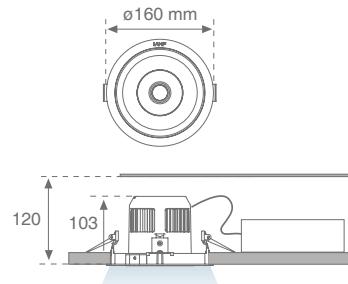




## Domo 160



## Domo 160



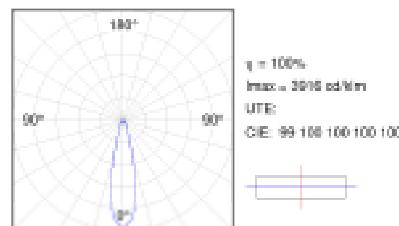
### DOMO 160

Family	Lm LED	Optic	CRI	K	Gear	Finishes
DP2	14 1500lm	MF MFL 26°	8	30 3000 K	N ON/OFF	W White 02
	25 2500lm	FL FL 37°		40 4000 K	D DALI	
	35 3500lm					
	46 4600lm					
DP2	14	MF	8	30	N	W

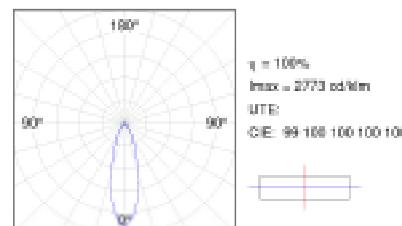
## TECHNICAL CHARACTERISTICS

### Optics

#### MF 26°



#### FL 37°



### Light output and power

#### DOMO 160

	1500lm		2500lm		3500lm		4600lm	
	K	CRI	W	Im Output	W	Im Output	W	Im Output
MF	3000	80	9	1421	18	2368	28	3229
26°	4000	80	9	1480	18	2466	28	3363
FL	3000	80	9	1405	18	2344	28	3197
37°	4000	80	9	1464	18	2442	28	3330

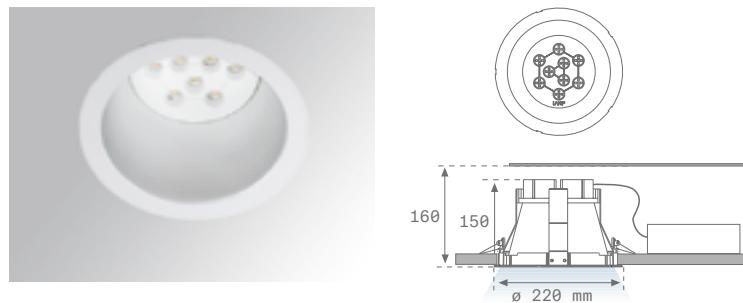




## Domo 220

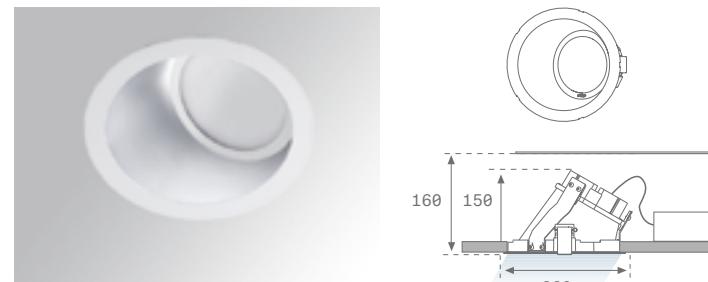
## Domo 220

Symmetric



## Domo 220

Asymmetric

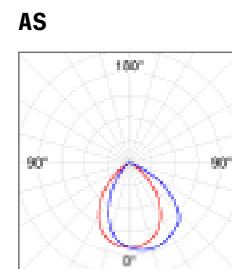
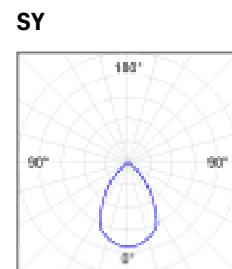


### DOMO 220

Family	Format	Lm LED	Optic	CRI	K	Gear	Finishes
D02	RD Round	20 2000lm	SY Symmetric	8 80	30 3000 K	N ON/OFF	W White 02
		30 3000lm			40 4000 K	D DALI	
		40 4000lm	AS Asymmetric	8 80	30 3000 K		
D02	RD	20	SY	8	30	N	W

### TECHNICAL CHARACTERISTICS

#### Optics



#### Light output and power

##### DOMO 220

	2000lm			3000lm			4000lm		
	K	CRI	W	Im Output	W	Im Output	W	Im Output	
SY	3000	80	21	2054	29	2825	38	3665	
	4000	80	21	2136	29	2938	38	3812	
AS	3000	80	21	1534	29	2110	38	2737	



## ACCESSORIES

### Transparent diffuser



Ref.	Color	Pict.
DITRRD240W	○	IP 54
DITRRD240B	●	
DITRRD240G	■	GLASS

### Opal diffuser



Ref.	Color	Pict.
DIOPRD240W	○	IP 54
DIOPRD240G	●	GLASS

### Decorative ring



Ref.	Color
RIRD240W	○
RIRD240B	●
RIRD240G	■



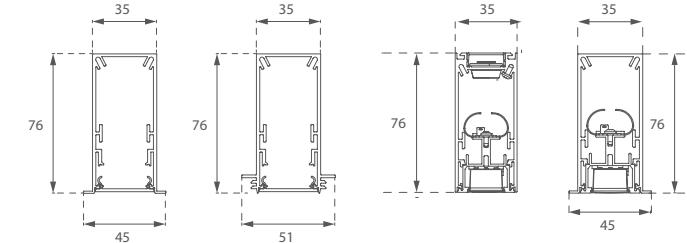
**Fil 35**



Models	OPAL	OPAL COMFORT	TECH	DIRECT / INDIRECT					
Dimensions	SURFACE	RECESSED	TRIMLESS	DIRECT / INDIRECT					
Lm LED	1200 lm	1470 lm	1600 lm	2000 lm	2400 lm	2650 lm	2800 lm	3200 lm	
Lengths	840 mm	1120 mm	1400 mm	1680 mm	1960 mm	2240mm			
CRI	80 / 90								
Beam angle	 Opal	 Opal Comfort	 Tech	 Dir / Ind					
Color temp.	3000 / 4000 K								
Gear	ON/OFF - DALI								
Power	8 W	11 W	12 W	14 W	16 W	18 W	19 W	22 W	32 W
Acc. Finishes	<input checked="" type="radio"/> Black 02	<input type="radio"/> White 02		<input type="radio"/> Grey 01					

**Fil 35**  
Opal

**Fil 35**  
Opal Comfort

**Fil 35**  
Tech
**FIL 35**

Family	Installation	Format	Lm LED/m	Optic	CRI	K	Gear	Finishes
<b>F31</b>	SF Surface	<b>084</b> 840mm	<b>L0</b> 1470lm	<b>OP</b> Opal	<b>8</b>	<b>80</b>	<b>N</b> ON/OFF	<b>B</b> Black 02
	RE Recessed	<b>112</b> 1120mm	<b>M0</b> 2650lm				<b>D</b> DALI	<b>W</b> White 02
		<b>140</b> 1400mm						<b>G</b> Grey 01
		<b>168</b> 1680mm						
		<b>196</b> 1960mm						
		<b>224</b> 2240mm						
		<b>084</b> 840mm	<b>L0</b> 1470lm	<b>OC</b> Opal Comfort				
		<b>112</b> 1120mm	<b>M0</b> 2650lm					
		<b>140</b> 1400mm						
		<b>168</b> 1680mm						
		<b>084</b> 840mm	<b>M0</b> 2620lm	<b>TE</b> Tech	<b>9</b>	<b>90</b>	<b>N</b> ON/OFF	<b>B</b> Black 02
		<b>112</b> 1120mm					<b>D</b> DALI	<b>W</b> White 02
		<b>168</b> 1680mm						
	TR Trimless	<b>084</b> 840mm	<b>L0</b> 1470lm	<b>OP</b> Opal	<b>8</b>	<b>80</b>	<b>N</b> ON/OFF	<b>W</b> White 02
		<b>112</b> 1120mm	<b>M0</b> 2650lm				<b>D</b> DALI	
		<b>140</b> 1400mm						
		<b>168</b> 1680mm						
		<b>196</b> 1960mm						
		<b>224</b> 2240mm						
		<b>084</b> 840mm	<b>L0</b> 1470lm	<b>OC</b> Opal Comfort				
		<b>112</b> 1120mm	<b>M0</b> 2650lm					
		<b>140</b> 1400mm						
		<b>168</b> 1680mm						

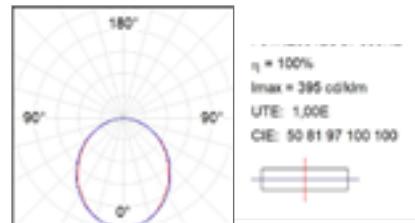
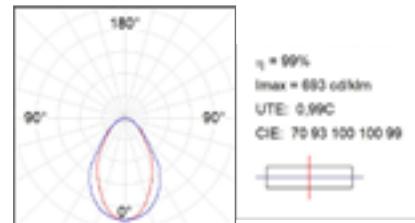
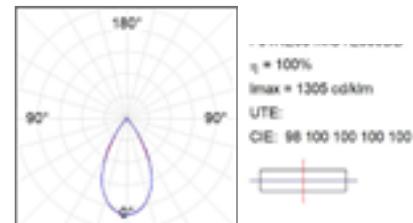
<b>F31</b>	<b>SF</b>	<b>084</b>	<b>L0</b>	<b>OP</b>	<b>8</b>	<b>30</b>	<b>N</b>	<b>B</b>
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## TECHNICAL CHARACTERISTICS

## Optics

**OP****OC****TE**

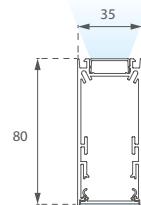
## Light output and power

**FIL 35**

		840mm		1120mm		1400mm		1680mm		1960mm		2240mm	
		K	CRI	W	lm Output								
LO	OP	3000	80	8	912	11	1216	14	1520	16	1824	19	2128
		4000	80	8	912	11	1216	14	1520	16	1824	19	2128
OC	OP	3000	80	8	834	11	1112	14	1390	16	1668	-	-
		4000	80	8	874	11	1165	14	1461	16	1748	-	-
MO	OP	3000	80	12	1281	16	1708	18	2135	22	2562	25	2989
		4000	80	12	1329	16	1772	18	2215	22	2658	25	3101
OC	OP	3000	80	12	1179	16	1571	18	1964	22	2357	-	-
		4000	80	12	1223	16	1630	18	2038	22	2445	-	-
TE	OP	3000	90	11	1260	14	1680	-	-	22	2520	-	-
		4000	90	11	1320	14	1760	-	-	22	2640	-	-

**Fil 35**

Direct/Indirect

**FIL 35 DIRECT-INDIRECT**

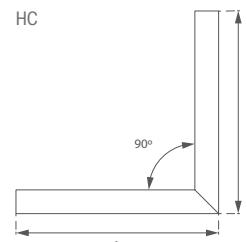
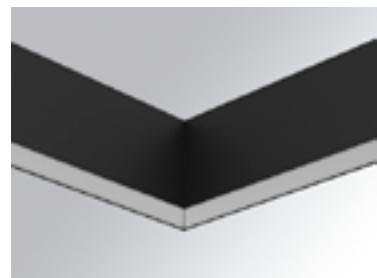
Family	Installation	Format	Lm LED/m	Optic	CRI	K	Gear	Finishes	
<b>F31</b>	<b>SF</b>	Surface	<b>084</b> 840mm <b>112</b> 1120mm <b>140</b> 1400mm <b>168</b> 1680mm <b>196</b> 1960mm <b>224</b> 2240mm	<b>LO</b> 1470lm <b>MO</b> 2650lm	<b>IO</b>	Dir./Ind Opal	<b>8</b> 80 <b>40</b> 4000 K	<b>30</b> 3000 K <b>D</b> DALI	<b>N</b> ON/OFF <b>B</b> Black 02 <b>W</b> White 02 <b>G</b> Grey 01
		<b>084</b> 840mm <b>112</b> 1120mm <b>140</b> 1400mm <b>168</b> 1680mm	<b>LO</b> 1470lm <b>MO</b> 2650lm	<b>IC</b>	Dir/Ind Opal Comfort				
F31	SF	084	LO	IO	8	30	N	B	



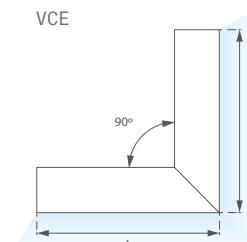


## Fil 35

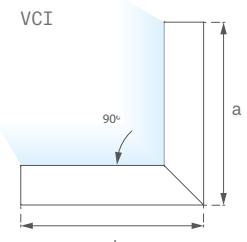
### Corner



HC	a (mm)	b (mm)
SF	303	303
RE	313	313
TR	311	311



VCE	a (mm)	b (mm)
SF	305	305
RE	305	305
TR	305	305



VCI	a (mm)	b (mm)
SF	354	654
RE	350	350
TR	350	350

### FIL 35 CORNER

Family	Installation	Format	Lm LED/m	Optic	CRI	K	Gear	Finishes
F31	SF Surface	HC Horizontal Corner	L0 1470lm	OP Opal	8	80	N ON/OFF	B Black 02
	RE Recessed	VCI Vertical Corner Interior		OC Opal Comfort				W White 02
		VCE Vertical Corner Exterior		OP Opal				G Grey 01
	TR Trimless	HC Horizontal Corner	L0 1470lm	OP Opal	8	80	30 3000 K	
		VCI Vertical Corner Interior	L0 1470lm	OC Opal Comfort	40	4000 K	D DALI	
		VCE Vertical Corner Exterior		OP Opal				

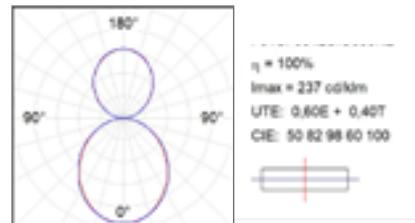
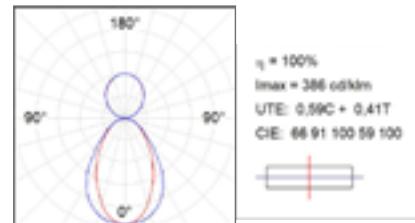
EX: F31 SF HC L0 OP 8 30 N B





## TECHNICAL CHARACTERISTICS

## Optics

**IO****IC**

## Light output and power

## FIL 35 DIRECT-INDIRECT

LO	OP			840mm		1120mm		1400mm		1680mm		1960mm		2240mm		
		K	CRI	W	lm Output	W	lm Output	W	lm Output	W	lm Output	W	lm Output	W	lm Output	
LO	OP	DIR	3000	80	6	549	7	792	9	990	11	1187	13	1085	14	1583
		IND			8	912	11	1216	14	1520	16	1824	19	2128	22	2432
	OC	DIR	4000	80	6	620	7	808	9	1033	11	1238	13	1445	14	1651
		IND			8	912	11	1216	14	1520	16	1824	19	2128	22	2432
MO	OP	DIR	3000	80	6	597	7	796	9	995	11	1193	-	-	-	-
		IND			8	834	11	1112	14	1390	16	1668	-	-	-	-
		DIR	4000	80	6	658	7	777	9	967	11	1164	-	-	-	-
		IND			8	874	11	1165	14	1461	16	1748	-	-	-	-
	OC	DIR	3000	80	6	807	7	1090	12	1373	14	1655	17	1228	15	2221
		IND			12	1287	16	1708	18	2135	22	2562	25	2989	32	3416
		DIR	4000	80	6	852	7	1152	12	1293	14	1559	17	1116	15	673
		IND			12	1329	16	1772	18	2215	22	2658	25	3101	32	3544
OC	OP	DIR	3000	80	6	742	7	1003	12	1263	14	1523	-	-	-	-
		IND			12	1179	16	1571	18	1964	22	2357	-	-	-	-
	OC	DIR	4000	80	6	784	7	1060	12	1335	14	1611	-	-	-	-
		IND			12	1223	16	1630	18	2038	22	2445	-	-	-	-



## ACCESSORIES

## End cover surface



Ref.	Color
F3SUECB	●
F3SUECW	○
F3SUECG	●

## Surface Profile max. 3m



Ref.	Color
F3PRSUX/MMB	●
F3PRSUX/MMW	○
F3PRSUX/MMG	●

## End cover recessed



Ref.	Color
F3REECB	●
F3REECW	○
F3REECG	●

## Recessed Profile max. 3m



Ref.	Color
F3PRREX/MMB	●
F3PRREX/MMW	○
F3PRREX/MMG	●

## End cover trimless



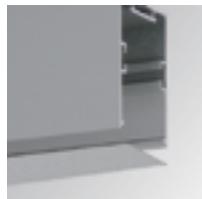
Ref.	Color
F3TRECW	○

## Trimless Profile max. 3m



Ref.	Color
F3PRTRX/MMW	○

## Cover max. 3m



Ref.	Color
F3COX/MMB	●
F3COX/MMW	○
F3COX/MMG	●

## Opal polycarbonate diffuser max. 3m



Ref.	Color
F3DIX/MMOP	○



## ACCESSORIES

## Height-adjustable steel cable



Ref.	Color	h(mm)
F3SUWIDE1000G	●	1000
F3SUWIDE4000G	●	4000

Quick anchorage

## Height-adjustable steel cable for electromechanical connection (3 or 5xØ1,5)



Ref.	Color	h(mm)
F3SUCAEMFA1000NB	●	1000
F3SUCAEMFA1000NW	○	1000
F3SUCAEMFA1000NG	●	1000
F3SUCAEMFA4000NB	●	4000
F3SUCAEMFA4000NW	○	4000
F3SUCAEMFA4000NG	●	4000

DALI	●	1000
F3SUCAWI1000DB	○	1000
F3SUCAWI1000DW	●	1000
F3SUCAWI1000DG	○	1000
F3SUCAWI4000DB	●	4000
F3SUCAWI4000DW	○	4000
F3SUCAWI4000DG	●	4000

Quick anchorage

## Set of 2 fixings for joint (2 unit/ref.)



Ref.	
F3J0	Surface
F3REJ0	Recessed/Trimless



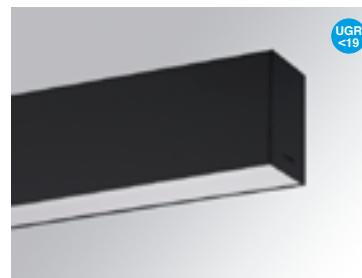
## Fil 45



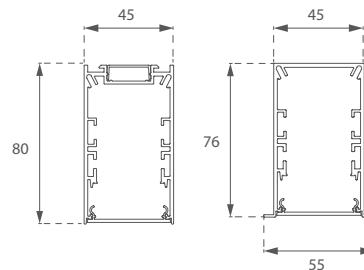
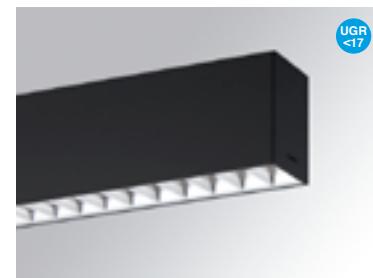
**Fil 45**  
Opal



**Fil 45**  
Opal Comfort



**Fil 45**  
Tech



#### FIL 45 DIRECT

Family	Installation	Formats	Lm LED/m	Optic	CRI	K	Gear	Finishes
<b>F41</b>	SF Surface	<b>084</b> 840mm	<b>M0</b> 2320lm	<b>OP</b> Opal	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>B</b> Black 02
	RE Recessed	<b>112</b> 1120mm	<b>HO</b> 4288lm		<b>40</b> 4000 K		<b>D</b> DALI	<b>W</b> White 02
		<b>140</b> 1400mm						<b>G</b> Grey 01
		<b>168</b> 1680mm	<b>M0</b> 2320lm	<b>TE</b> Tech	<b>8</b> 80			
		<b>196</b> 1960mm			<b>9</b> 90			
		<b>224</b> 2240mm						
		<b>084</b> 840mm	<b>M0</b> 2320lm	<b>PR</b> Opal Comfort	<b>8</b> 80			
		<b>112</b> 1120mm			<b>9</b> 90			
		<b>140</b> 1400mm						
		<b>168</b> 1680mm						
		<b>112</b> 1120mm	<b>M0</b> 2320lm	<b>OP</b> Opal	<b>8</b> 80	<b>TW</b> Tunable White	<b>D</b> DALI	
		<b>168</b> 1680mm						
		<b>224</b> 2240mm						
		<b>112</b> 1120mm	<b>M0</b> 2320lm	<b>PR</b> Opal Comfort				
		<b>168</b> 1680mm						
<b>F41</b>	<b>SF</b>	<b>084</b>	<b>M0</b>	<b>OP</b>	<b>8</b>	<b>30</b>	<b>N</b>	<b>B</b>

#### WB FIL 45 DIRECT WELLBEING

Family	Installation	Formats	Lm LED/m	Optic	K	Gear	Finishes
<b>F41</b>	SF Surface	<b>112</b> 1120mm	<b>M0</b> 2320lm	<b>PR</b> Opal Comfort	<b>WB3</b> 3000 WB	<b>N</b> ON/OFF	<b>B</b> Black 02
	RE Recessed	<b>168</b> 1680mm			<b>WB4</b> 4000 WB	<b>D</b> DALI	<b>W</b> White 02
					<b>WBT</b> Tunable White WB	<b>D</b> DALI	<b>G</b> Grey 01
<b>F41</b>	<b>SF</b>	<b>112</b>	<b>M0</b>	<b>PR</b>	<b>WB3</b>	<b>N</b>	<b>B</b>

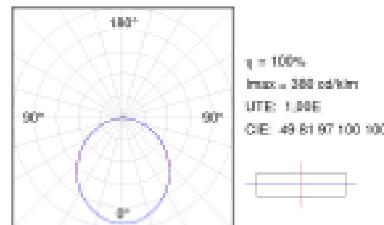




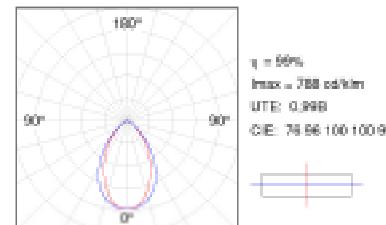
## TECHNICAL CHARACTERISTICS

## Optics

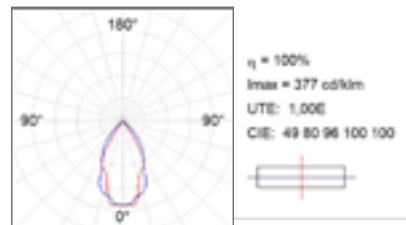
## OPAL



## OPAL COMFORT



## TECH



## Light output and power

## FIL 45 DIRECT

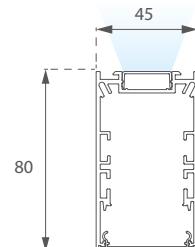
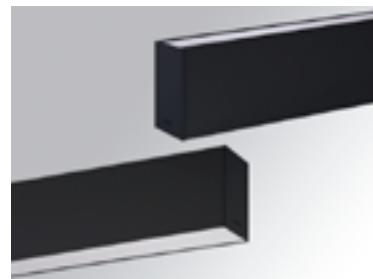
840mm				1120mm				1400mm				1680mm				1960mm				2240mm			
	K	CRI	W	Im Output	W	Im Output	W	Im Output	W	Im Output													
MO OP	3000	80	12	1242	16	1656	19	2070	23	2484	27	2898	31	3312									
	4000	80	12	1302	16	1736	19	2170	23	2604	27	3038	31	3472									
PR	3000	80	12	1160	16	1547	19	1933	23	2319	-	-	-	-									
	3000	90	12	1053	16	1404	19	1754	23	2104	-	-	-	-									
TE	4000	80	12	1218	16	1624	19	2030	23	2437	-	-	-	-									
	4000	90	12	1105	16	1473	19	1841	23	2210	-	-	-	-									
HO OP	3000	80	12	1350	16	1800	19	2250	23	2700	27	3150	31	3600									
	3000	90	12	1179	16	1572	19	2060	23	2359	27	2752	31	3145									
HO PR	4000	80	12	1415	16	1886	19	2358	23	2830	27	3301	31	3773									
	4000	90	12	1236	16	1647	19	2104	23	2472	27	2884	31	3296									
HO OP	3000	80	27	2798	36	3728	45	4660	54	5592	63	6524	72	7456									
	4000	80	27	2930	36	3907	45	4884	54	5860	63	6837	72	7814									

## FIL 45 DIRECT WELLBEING

1120mm				1680mm			
	K	CRI	W	Im Output	W	Im Output	
MO PR	3000	97	29,6	1559	55,1	2338	
	4000	97	29,6	1878	55,1	2817	

**Fil 45**

Direct/Indirect

**FIL 45 DIRECT-INDIRECT**

Family	Installation	Formats	Lm LED/m	Optic	CRI	K	Gear	Finishes
<b>F41</b>	SF Surface	<b>084</b> 840mm <b>112</b> 1120mm <b>140</b> 1400mm <b>168</b> 1680mm <b>196</b> 1960mm <b>224</b> 2240mm	<b>M0</b> 2320lm	<b>IO</b> Dir./Ind Opal	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF <b>D</b> DALI	<b>B</b> Black 02 <b>W</b> White 02 <b>G</b> Grey 01
		<b>084</b> 840mm <b>112</b> 1120mm <b>140</b> 1400mm <b>168</b> 1680mm	<b>M0</b> 2320lm	<b>IP</b> Dir./Ind Opal Comfort	<b>8</b> 80 <b>9</b> 90			
F41	SF	084	M0	IO	8	30	N	B

**FIL 45 DIRECT-INDIRECT TW**

Family	Installation	Formats	Lm LED/m	Optic	CRI	K	Gear	Finishes
<b>F41</b>	SF Surface	<b>112</b> 1120mm <b>168</b> 1680mm <b>224</b> 2240mm	<b>M0</b> 2320lm	<b>IP</b> Dir./Ind Opal Comfort	<b>8</b> 80	<b>TW</b> Tunable White	<b>D</b> DALI	<b>B</b> Black 02 <b>W</b> White 02 <b>G</b> Grey 01
F41	SF	112	M0	IP	8	TW	D	B

**FIL 45 DIRECT-INDIRECT TW WB**

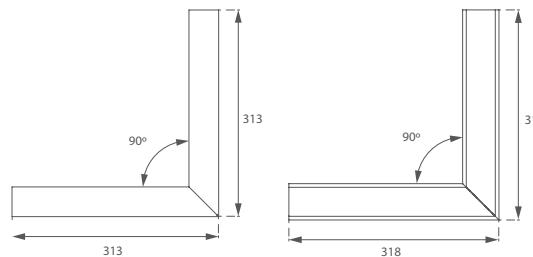
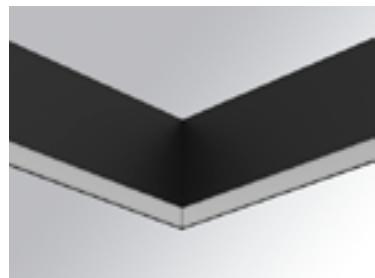
Family	Installation	Formats	Lm LED/m	Optic	CRI	K	Gear	Finishes
<b>F41</b>	SF Surface	<b>112</b> 1120mm <b>168</b> 1680mm	<b>M0</b> 2320lm	<b>IP</b> Dir./Ind Opal Comfort	<b>8</b> 80	<b>WBT</b> Tunable White WB	<b>D</b> DALI	<b>B</b> Black 02 <b>W</b> White 02
F41	SF	112	M0	IP	8	WBT	D	B





## Fil 45

### Corner



#### FIL 45 CORNER

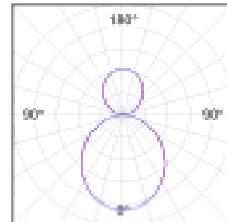
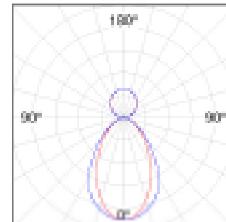
Family	Installation	Formats	Lm LED/m	Optic	CRI	K	Gear	Finishes
<b>F41</b>	SF Surface RE Recessed	<b>CR</b> Corner	<b>M0</b> 2320lm	<b>OP</b> Opal	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>B</b> Black 02
					<b>40</b> 4000 K		<b>D</b> DALI	<b>W</b> White 02
				<b>PR</b> Opal Comfort	<b>8</b> 80			<b>G</b> Grey 01
					<b>9</b> 90			
<b>F41</b>	<b>SF</b>	<b>CR</b>	<b>M0</b>	<b>OP</b>	<b>8</b>	<b>30</b>	<b>N</b>	<b>B</b>





## TECHNICAL CHARACTERISTICS

## Optics

**I0****IP**

## Light output and power

## FIL 45 DIRECT/INDIRECT

MO	OP	840mm				1120mm				1400mm				1680mm				1960mm				
		K	CRI	W	Im Output	W	Im Output	W	Im Output	W	Im Output	W	Im Output	W	Im Output	W	Im Output	W	Im Output	W	Im Output	
MO	IND	3000	80	2	597	2	796	2	995	2	1193	2	1392	2898	2	1591	-	-	-	-	-	-
	DIR	3000	80	12	1242	16	1656	19	2070	23	2484	27			31	3312						
	IND	4000	80	2	617	2	823	2	1028	2	1234	2	1440		2	1645						
	DIR	4000	80	12	1302	16	1736	19	2170	23	2604	27	3038		31	3472						
PR	IND	3000	80	2	597	2	796	2	995	2	1193	-	-	-	-	-	-	-	-	-	-	-
	DIR	3000	80	12	1160	16	1547	19	1933	23	2319	-	-	-	-	-	-	-	-	-	-	-
	IND	3000	90	2	597	2	796	2	995	2	1193	-	-	-	-	-	-	-	-	-	-	-
	DIR	3000	90	12	1053	16	1404	19	1754	23	2104	-	-	-	-	-	-	-	-	-	-	-
	IND	4000	80	2	617	2	823	2	1028	2	1234	-	-	-	-	-	-	-	-	-	-	-
	DIR	4000	80	12	1218	16	1624	19	2030	23	2437	-	-	-	-	-	-	-	-	-	-	-
IND	4000	90	2	617	2	823	2	1028	2	1234	-	-	-	-	-	-	-	-	-	-	-	-
	DIR	4000	90	12	1105	16	1473	19	1841	23	2210	-	-	-	-	-	-	-	-	-	-	-



## ACCESSORIES

End cover Surface



Ref.	Color
F4SUECB	●
F4SUECW	○
F4SUECG	■

Surface Profile max. 3m



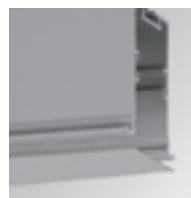
Ref.	Color
F4PRSUX/MMB	●
F4PRSUX/MMW	○
F4PRSUX/MMG	■

End cover Recessed



Ref.	Color
F4REECB	●
F4REECW	○
F4REECG	■

Recessed Profile max. 3m



Ref.	Color
F4PRREX/MMB	●
F4PRREX/MMW	○
F4PRREX/MMG	■

Cover max. 3m



Ref.	Color
F4COX/MMB	●
F4COX/MMW	○
F4COX/MMG	■

Opal polycarbonate diffuser max. 3m



Ref.	Color
F4DIX/MMOP	○



## ACCESSORIES

## Height-adjustable steel cable



Ref.	Color	h(mm)
F4SUWIDE1000G	●	1000
F4SUWIDE4000G	●	4000

Quick anchorage

## Height-adjustable steel cable for electromechanical connection (3 or 5xØ1,5)



Ref.	Color	h(mm)
F4SUCAEMFA1000NB	●	1000
F4SUCAEMFA1000NW	○	1000
F4SUCAEMFA1000NG	●	1000
F4SUCAEMFA4000NB	●	4000
F4SUCAEMFA4000NW	○	4000
F4SUCAEMFA4000NG	●	4000

DALI

F4SUCAWI1000DB	●
F4SUCAWI1000DW	○
F4SUCAWI1000DG	●
F4SUCAWI4000DB	●
F4SUCAWI4000DW	○
F4SUCAWI4000DG	●

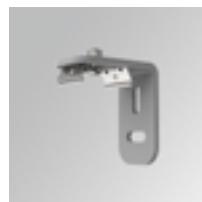
Quick anchorage

## Fixings for joint 1 unit/ref.



Ref.	
F4J0	Surface
F4REJO	Recessed

## Wall bracket 2 unit/ref.

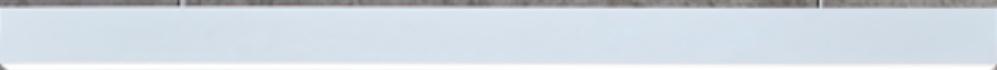


Ref.	Color
F4FX50G	●
F4FX50B	●
F4FX50W	○

## Short ceiling bracket joint 2 unit/ref.



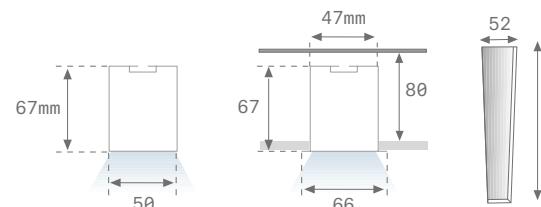
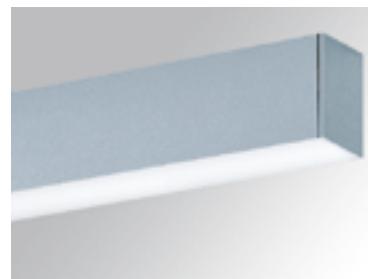
Ref.
F4FX15G



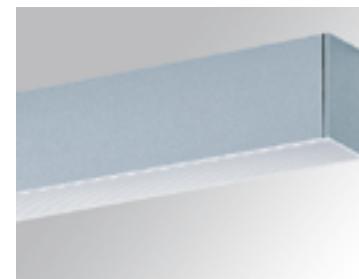
**Fil 50**

**Fil 50**

Opal

**Fil 50**

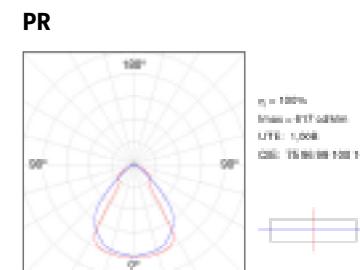
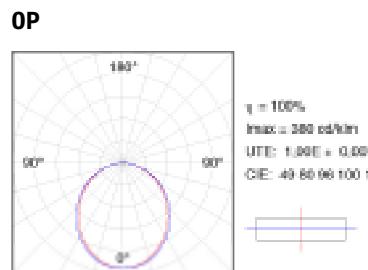
Prismatic

**FIL 50**

Family	Installation	Format	Lm LED/m	Optic	CRI	K	Gear	Finishes
F52	SF Surface	120 1137 mm	M0 2600lm	OP Opal	8 80	30 3000 K	N ON/OFF	W White 02
	RC Recessed	170 1700 mm	H0 5200lm	PR Prismatic	40 4000 K	D DALI	G Grey 01	
F52	SF	120	M0	OP	8	30	N	W
				PR	40	4000 K		

## TECHNICAL CHARACTERISTICS

## Optics



## Light output and power

		1137mm		1700mm			
		K	CRI	W	Im Output	W	Im Output
MO	OP	3000	80	19	1900	28	2850
	PR	4000	80	19	2004	28	3006
HO	OP	3000	80	19	2038	28	3057
	PR	4000	80	19	2150	28	3225
	OP	3000	80	37	3566	55	5349
	PR	4000	80	37	3761	55	5642
	OP	3000	80	37	3838	55	5757
	PR	4000	80	37	4049	55	6074



+

info



## ACCESSORIES FOR SURFACE

## Profile and cover Custom length



Ref.	Color
F5PRSUX/MMG	<input checked="" type="radio"/>
F5PRSUX/MMW	<input type="radio"/>
F5COX/MMG	<input checked="" type="radio"/>
F5COX/MMW	<input type="radio"/>

## Opal polycarbonate diffuser max. 3m



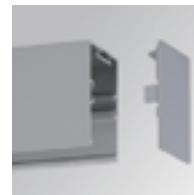
Ref.	Color
F5DIX/MMOP	<input type="radio"/>

## 90° corner joint



Ref.	Color
F5SUHCG	<input checked="" type="radio"/>
F5REHCW	<input type="radio"/>

## End cover



Ref.	Color
F5SUECG	<input checked="" type="radio"/>
F5SUECW	<input type="radio"/>

## Set of 2 fixings per joint 2 unit/ref



Ref.
F5J0

## 90° wall corner joint



Ref.	Color
F5SFVCG	<input checked="" type="radio"/>
F7SFVCW	<input type="radio"/>

## ACCESSORIES FOR SURFACE

Revolving end cover 2 unit/ref.



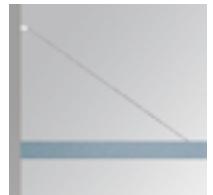
Ref.	Color	Pict.
F5J0ROEDG	<input checked="" type="radio"/>	
F5J0ROEDW	<input type="radio"/>	

Wall bracket joint 2 unit/ref.



Ref.	Color	Lm
F5FX75G	<input checked="" type="radio"/>	75
F5FX75W	<input type="radio"/>	75

Perpendicular wall bracket



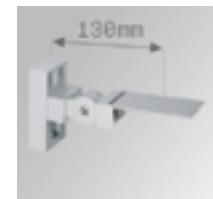
Ref.
F5PRFXGR

Revolving intermediate cover 1 unit/ref.



Ref.	Color	Pict.
F5J0ROIDG	<input checked="" type="radio"/>	
F5J0ROIDW	<input type="radio"/>	

Adjustable wall bracket 2 unit/ref.



Ref.	Color
ARR013G	<input checked="" type="radio"/>
ADRD170B	<input type="radio"/>

Disposable wrist strap

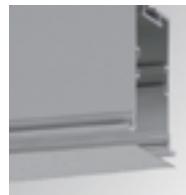


Ref.
ELWRST



## ACCESSORIES FOR RECESSED

## Profile and cover Custom length



Ref.	Color
F5PRREX/MMG	●
F5PRREX/MMW	○
F5COX/MMG	●
F5COX/MMW	○

## Opal polycarbonate diffuser max. 3m



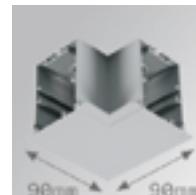
Ref.	Color
F5DIX/MMOP	○

## Set of 2 fixings per joint 2 unit/ref.



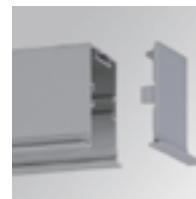
Ref.
F5J0

## 90° corner joint



Ref.	Color
F5REHCG	●
F5REHCW	○

## End cover



Ref.	Color
F5REECG	●
F5REECW	○

## Disposable wrist strap



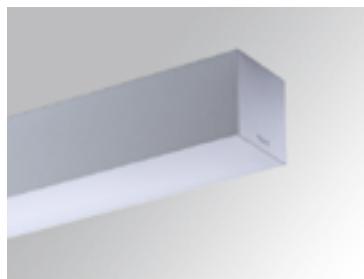
Ref.
ELWRST



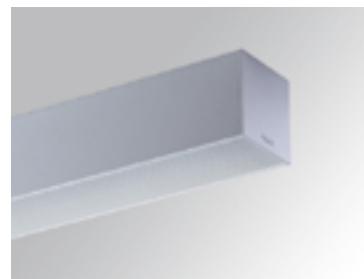
**Fil 70**



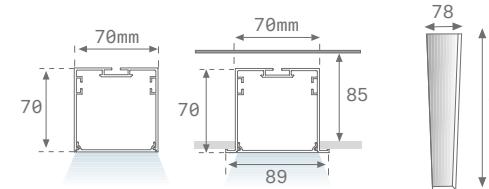
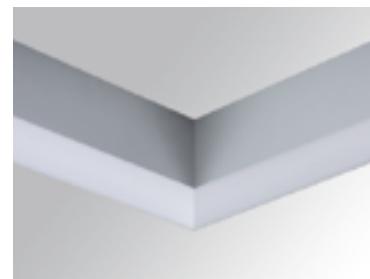
**Fil 70**  
Opal



**Fil 70**  
Prismatic



**Fil 70**  
Corner

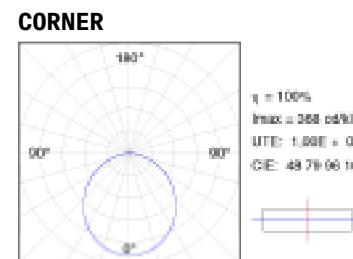
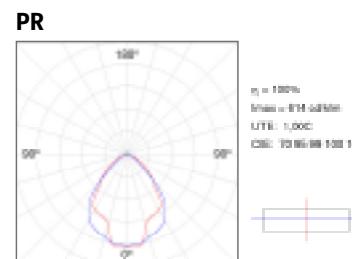
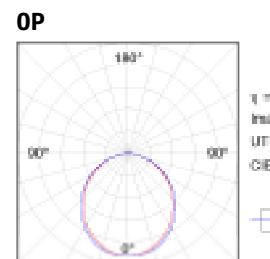


#### FIL 70

Family	Format	Installation	Format	Lm LED/m	Optic	CRI	K	Gear	Finishes
<b>F71</b>	- -	<b>SF</b> Surface	<b>120</b> 1162 mm	<b>LO</b> 2200lm	<b>OP</b> Opal	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>W</b> White 02
	- -	<b>RE</b> Recessed	<b>170</b> 1743 mm	<b>HO</b> 3800lm	<b>PR</b> Prismatic	<b>8</b> 80	<b>30</b> 3000 K	<b>D</b> DALI	<b>G</b> Grey 01
	<b>HC</b> Horizontal Corner	<b>SF</b> Surface	- -	<b>LO</b> 2200lm	<b>OP</b> Opal	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>W</b> White 02
		<b>RE</b> Recessed	- -	<b>HO</b> 3800lm			<b>40</b> 4000 K		<b>G</b> Grey 01
<b>F71</b>		<b>SF</b>	<b>120</b>	<b>LO</b>	<b>OP</b>	<b>8</b>	<b>30</b>	<b>N</b>	<b>W</b>

#### TECHNICAL CHARACTERISTICS

##### Optics



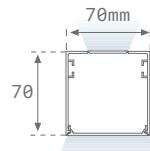
##### Light output and power

FIL 70	1162mm			1743mm			
	K	CRI	W	Im Output	W	Im Output	
<b>LO</b>	<b>OP</b>	3000	80	17	1992	25	2988
		4000	80	17	2143	25	3215
<b>HO</b>	<b>PR</b>	3000	80	17	2219	25	3328
		4000	80	17	2300	25	3450
<b>HC</b>	<b>OP</b>	3000	80	28	3370	41	5055
		4000	80	28	3545	41	5318
	<b>PR</b>	3000	80	28	3507	41	5260
		4000	80	28	3635	41	5452



**Fil 70**

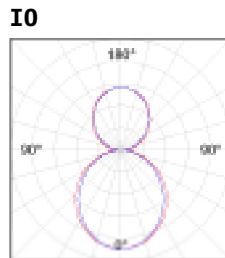
Direct/Indirect

**FIL 70 DIRECT INDIRECT**

Family	Installation	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>F71</b>	SU	Suspended	<b>120</b> 1162mm <b>170</b> 1743mm	<b>M0</b> 3300	<b>I0</b> Dir-Indir Opal	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF
F71	SU	120	M0	I0	8	30	N	W

## TECHNICAL CHARACTERISTICS

## Optics



## Light output and power

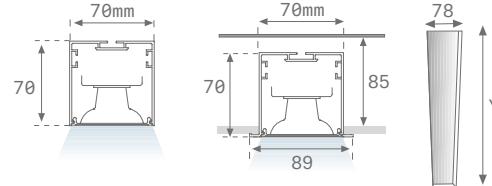
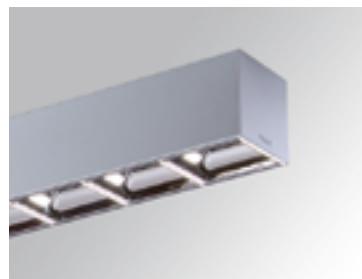
**FIL 70 DIRECT/INDIRECT**

	1162mm		1743mm			
	K	CRI	W	lm Output	W	lm Output
OP	3000	80	10	1069	14	1604
	3000	80	17	1806	23	2709
	4000	80	10	1244	14	1867
	4000	80	17	2101	23	3121



**Fil 70**

Tech Symmetric

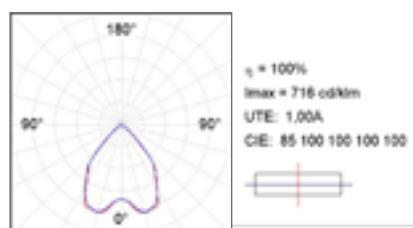
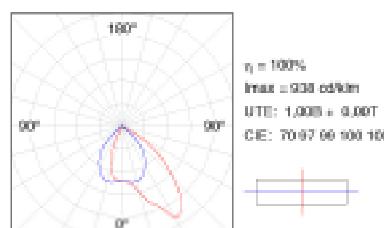
**FIL 70 TECH**

Family	Installation	Format	Lm LED/m	Optic	CRI	K	Gear	Finishes
<b>F71</b>	SF Surface	<b>100</b> 1000 mm	<b>LO</b> 1600lm	<b>TS</b> Tech Symmetric	<b>8</b>	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>W</b> White 02
	RE Recessed		<b>MO</b> 3200lm	<b>TA</b> Tech Asymmetric		<b>40</b> 4000 K	<b>D</b> DALI	<b>G</b> Grey 01
		<b>200</b> 2000 mm	<b>MO</b> 3200lm <b>HO</b> 6400lm					

F71 SF 100 LO TA 8 30 N W

## TECHNICAL CHARACTERISTICS

## Optics

**TS****TA**

## Light output and power

**FIL 70 TECH**

	1000mm		2000mm			
	K	CRI	W	lm Output	W	lm Output
LO SY	3000	80	12	1812	-	-
	4000	80	12	1812	-	-
	AS	3000	80	12	1388	-
	AS	4000	80	12	1388	-
MO SY	3000	80	21	2872	25	3624
	4000	80	21	2872	25	3624
	AS	3000	80	21	2032	25
	AS	4000	80	21	2032	25
HO SY	3000	80	-	-	42	5743
	4000	80	-	-	42	5743
	AS	3000	80	-	42	4064
	AS	4000	80	-	42	4064





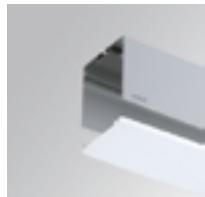
## ACCESSORIES FOR SURFACE

## Profile and cover Custom length



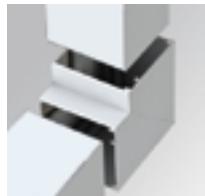
Ref.	Color
F7PRSUX/MMG	<input checked="" type="radio"/>
F7PRSUX/MMW	<input type="radio"/>
F7COSUX/MMG	<input checked="" type="radio"/>
F7COSUX/MMW	<input type="radio"/>

## Opal polycarbonate diffuser max. 3m



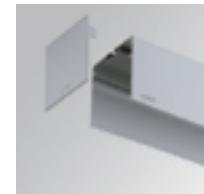
Ref.	Color
F7DIX/MMOP	<input type="radio"/>

## 90° wall corner



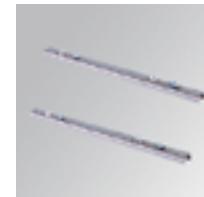
Ref.	Color
F7SFVCG	<input checked="" type="radio"/>
F7SFVCW	<input type="radio"/>

## End cover



Ref.	Color
F7SUECG	<input checked="" type="radio"/>
F7SUECW	<input type="radio"/>

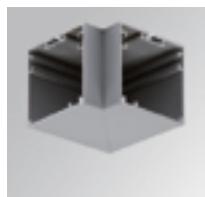
## Set of 2 fixings per joint 2 unit/ref



Ref.
F7J0

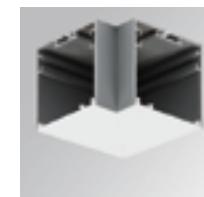
## ACCESSORIES FOR SUSPENSIONS

## 90° corner joint



Ref.	Color
F7TESUHCG	<input checked="" type="radio"/>
F7TESUHCW	<input type="radio"/>

## 90° corner with polycarbonate diffuser

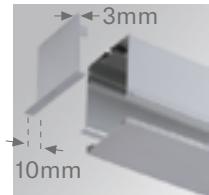


Ref.	Color
F7SUHCG	<input checked="" type="radio"/>
F7SUHCW	<input type="radio"/>



## ACCESSORIES FOR RECESSED

## End cover



Ref.	Color
F7REECG	<input checked="" type="radio"/>
F7REECW	<input type="radio"/>

## Set of 2 fixings per joint 2 unit/ref.



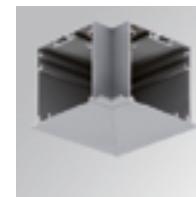
Ref.
F7J0

## Profile and cover Custom length



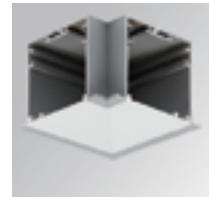
Ref.	Color
F7PRREX/MMG	<input checked="" type="radio"/>
F7PRREX/MMW	<input type="radio"/>
F7COSUX/MMG	<input checked="" type="radio"/>
F7COSUX/MMW	<input type="radio"/>

## 90° corner joint



Ref.	Color
F7TEREHCG	<input checked="" type="radio"/>
F7TEREHCW	<input type="radio"/>

## 90° corner with polycarbonate diffuser



Ref.	Color
F7REHCG	<input checked="" type="radio"/>
F7REHCW	<input type="radio"/>

## ACCESSORIES

## Disposable wrist strap



Ref.
ELWRST

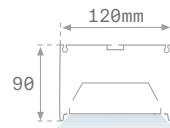
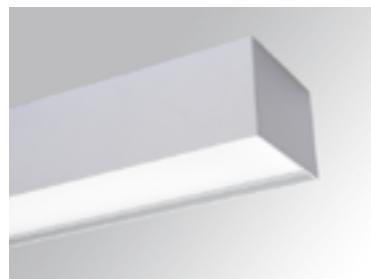
## Opal Soft Tech 3 unit/ref.



Ref.	Lmm	unit
DIOPST1000	1000	1
	2000	2



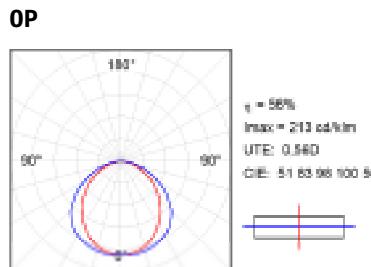
# Fil 120

**Fil 120****FIL 120**

Family	Installation	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>F121</b>	SF Surface	<b>12</b> 1162mm	<b>H0</b> 6500lm	<b>OP</b> Opal	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>W</b> White 02
	RE Recessed	<b>17</b> 1743mm				<b>40</b> 4000 K	<b>D</b> DALI	<b>G</b> Grey 01

<b>F121</b>	<b>SF</b>	<b>12</b>	<b>H0</b>	<b>OP</b>	<b>8</b>	<b>30</b>	<b>N</b>	<b>W</b>
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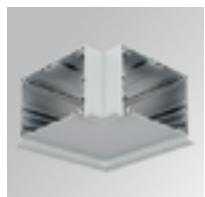
**TECHNICAL CHARACTERISTICS****Optics****Light output and power****FIL 120**

	1162mm				1743mm	
	K	CRI	W	lm Output	W	lm Output
OP	3000	80	49	5090	71,7	7735
	4000	80	49	5290	71,7	7935



## ACCESSORIES FOR RECESSED

## 90° corner joint



Ref.	Color
F12REHCW	<input type="radio"/>
F12REHCG	<input checked="" type="radio"/>

## Aluminium end cover



Ref.	Color
F12REECG	<input checked="" type="radio"/>
F12REECW	<input type="radio"/>

## Recessed profile and cover Custom length



Ref.	Color
F12PRREX/MMG	<input checked="" type="radio"/>
F12PRREX/MMW	<input type="radio"/>
F12COX/MMG	<input checked="" type="radio"/>
F12COX/MMW	<input type="radio"/>

## SUSPENSIONS: Fil 120, BCN, STGO (1unit/ref.)

## Two steel cables electromechanical suspension



Ref.	Color	h(m)
SUEM2W3000NW	<input type="radio"/>	max. 3
SUEM2W3000NG	<input checked="" type="radio"/>	max. 3

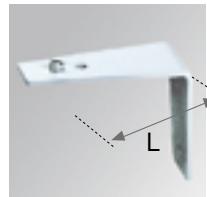
## Two steel cables



Ref.	Color	h(m)
SU2W3000NW	<input type="radio"/>	max. 3
SU2W3000NG	<input checked="" type="radio"/>	max. 3

WALL BRAKETS: Fil 50, Fil 70, Fil 120, Lamptub (1unit/ref.)

Short wall bracket joint 2 unit/ref.



Ref.	Color	Lmm
F5FX75W	○	75
F5FX75G	●	75

Set of 2 fixings per joint

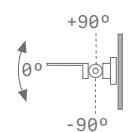


Ref.
F7J0

Adjustable wall bracket 2 unit/ref.



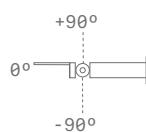
Ref.	Color
ARRO13W	○
ARRO13G	●



Adjustable and extensible wall bracket 2 unit/ref.

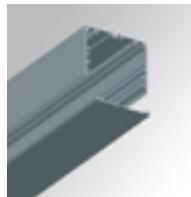


Ref.	Color
ARROEX40W	○
ARROEX40G	●



## ACCESSORIES FOR SURFACE

## Profile and cover Custom length



Ref.	Color
F12PRSUX/MMW	<input type="radio"/>
F12PRSUX/MMG	<input checked="" type="radio"/>
F12COX/MMW	<input type="radio"/>
F12COX/MMG	<input checked="" type="radio"/>

## Opal polycarbonate diffuser max. 3m



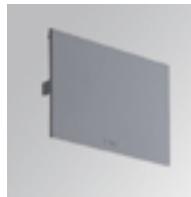
Ref.	Color
F12DIX/MMOP	<input type="radio"/>

## 90° corner joint



Ref.	Color
F12SUHCW	<input type="radio"/>
F12SUHCG	<input checked="" type="radio"/>

## Aluminium end cover



Ref.	Color
F12SUECW	<input type="radio"/>
F12SUECG	<input checked="" type="radio"/>

## 90° wall corner



Ref.	Color
F12SFVCW	<input type="radio"/>
F12SFVCG	<input checked="" type="radio"/>

## "T" joint



Ref.	Color
F12SUTJW	<input type="radio"/>
F12SUTJG	<input checked="" type="radio"/>

ACCESSORIES FOR SURFACE

"Cross" joint



Ref.	Color
F12SUXJW	<input type="radio"/>
F12SUXJG	<input checked="" type="radio"/>

Revolving end cover



Ref.	Color
F12J0ROEDW	<input type="radio"/>
F12J0ROEDG	<input checked="" type="radio"/>

Revolving intermediate cover



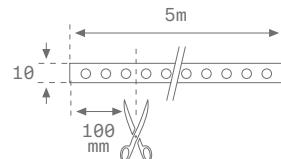
Ref.	Color
F12J0ROIDW	<input type="radio"/>
F12J0ROIDG	<input checked="" type="radio"/>



Fine LED

**Fine LED Strip**

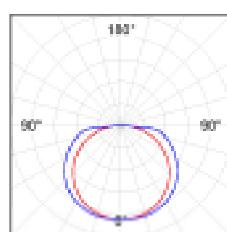
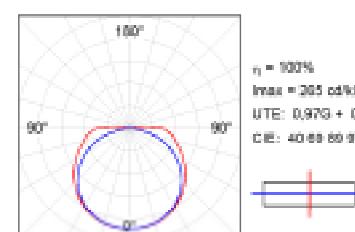
IP20/65

**FINE LED STRIP**

Family	Installation	Format	Lm LED/m	IP	CRI	K	Gear
<b>F2</b>	SF Surface	<b>500</b> 5000mm	<b>L0</b> 1500lm	<b>20</b> 20 <b>65</b> 65	<b>8</b> 80	<b>30</b> 3000 <b>40</b> 4000	<b>0</b> Not Included
					<b>9</b> 90	<b>TW</b> Tunable White	

---

F2	SF	500	L0	20	8	30	0
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**TECHNICAL CHARACTERISTICS****Optics****IP65****Light output and power****FINE LED STRIP**

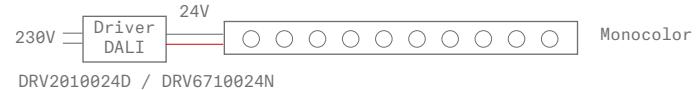
LO	5000mm			
	K	CRI	W	lm Output
	3000	80	48	7710
	4000	80	48	8095
	3000	80	48	7710
	4000	80	48	8095



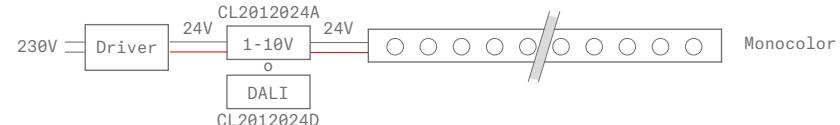
## On/Off scheme



## DALI scheme



## Dimming scheme



## ACCESSORIES

### Opal polycarbonate diffuser



**L**

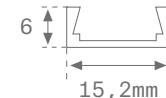
**Ref.**  
2m [FIDI2000OP](#)

### 6 mm surface profile and covers



**L**

**Ref.**  
2m [FIPRSU062000N](#)  
- [FISUEC060HG](#)  
- [FISUEC061HG](#)



### Transparent polycarbonate diffuser



**L**

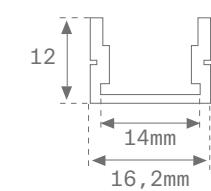
**Ref.**  
2m [FIDI2000TR](#)

### 12 mm surface profile and covers 12 mm



**L**

**Ref.**  
2m [FICOSU122000N](#)  
- [FISUEC120HG](#)  
- [FISUEC121HG](#)

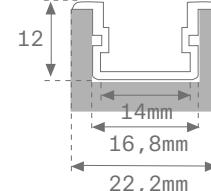
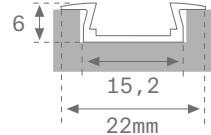


### 12 mm recessed profile and covers



**L**

**Ref.**  
2m [FIPRRE122000N](#)  
- [FIREEC120HG](#)  
- [FIREEC121HG](#)

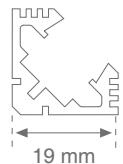


## ACCESSORIES

### Tilt 45° profile and covers



L	Ref.
2m	<b>FICOSU452000N</b>
-	<b>FISUEC450HG</b>
-	<b>FISUEC451HG</b>



### Tilt 45° profile fixing clip 1 unit. / ref.



**Ref.**  
**FISUBR45**

### Disposable wrist strap



**Ref.**  
**ELWRST**

### End cover

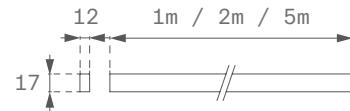


End cover with exit hole for the cable

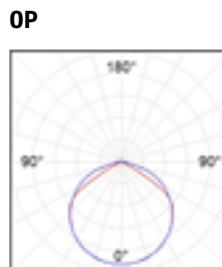
### 6/12 mm surface profile fixing clip 1 unit. / ref.



**Ref.**  
**FISUBR**

**Fine Curve****FINE CURVE**

Family	Format	Lm LED/m	IP	Optic	CRI	K	Gear	Finishes
<b>FC2</b>	<b>100</b> 1000mm	<b>L0</b> 500lm	<b>67</b>	<b>OP</b> Opal	<b>9</b> 90	<b>27</b> 2700	<b>0</b> Not Included	<b>W</b> White
	<b>200</b> 2000mm					<b>30</b> 3000		
	<b>500</b> 5000mm					<b>40</b> 4000		
FC2	100	L0	67	OP	9	30	0	W

**TECHNICAL CHARACTERISTICS****Optics**

η = 100%  
 I<sub>max</sub> = 370 cd/km  
 UTE: 1.000  
 CIE: 51.87.99.100.100

**Light output and power****FINE CURVE**

OP	K	CRI	1000mm		2000mm		5000mm	
			W	Im Output	W	Im Output	W	Im Output
OP	2700	90	10	410	20	820	50	2050
	3000	90	10	420	20	840	50	2100
	4000	90	10	450	20	900	50	2250

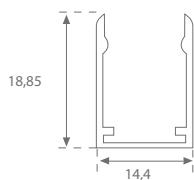


## ACCESSORIES

Surface profile fixing clip 1 unit. / ref.

**Ref.****FC1FX30G**

1mt: 3 unit.  
2mts: 5 unit.  
5mts: 11 unit.



## GEARS

LED power supply



<b>W</b>	<b>Ref.</b>	<b>V</b>	<b>IP</b>	<b>Reg.</b>
60	<a href="#">DRV20602430N</a>	24	20	ON/OFF
60	<a href="#">DRV206024D</a>	24	20	DALI
20	<a href="#">DRV202024N</a>	24	20	ON/OFF
80	<a href="#">DRV688024N</a>	24	66	ON/OFF
100	<a href="#">DRV2010024D</a>	24	20	DALI
100	<a href="#">DRV6710024N</a>	24	67	ON/OFF
60	<a href="#">DRV676024D</a>	24	67	DALI
75	<a href="#">DRV677524N</a>	24	67	ON/OFF

IP67 4 poles connector

**Ref.****CT4P67N**

Monocolor strip regulation controller (PWM)



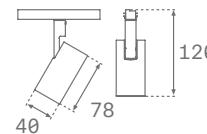
<b>W</b>	<b>Ref.</b>	<b>V</b>	<b>Control</b>	<b>Pict.</b>
120	<a href="#">CL2012024A</a>	24	1-10V	
120	<a href="#">CL2012024D</a>	24	DALI	



## Hance 48V

**Hance 48V**

Track 500lm

**HANCE 48V 500**

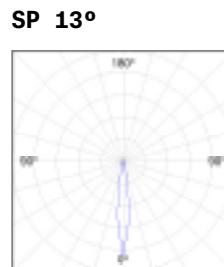
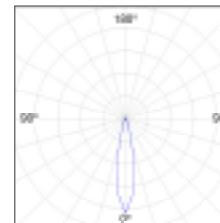
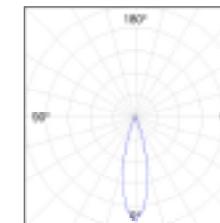
Family	Installation	Lm LED	Optics	CRI	K	Gear	Acc. Finishes	Finishes
<b>HS1</b>	<b>TL</b>	Track 48V	<b>05</b> 500lm	SP SP 13°	8 80	<b>27</b> 2700 K	<b>N</b> ON/OFF	<b>B</b> Black
			MF MFL 19°		<b>30</b> 3000 K	<b>D</b> DALI		<b>W</b> White 03
			FL FL 26°		<b>40</b> 4000 K			<b>B</b> Black 03

HS1	TL	05	SP	8	27	N	B	W
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## TECHNICAL CHARACTERISTICS

## Optics

**MFL 19°****FL 26°**

## Light output and power

**HANCE 48V****500lm**

	K	CRI	W	Im Output
<b>SP</b> 13°	2700	80	5	314
	3000	80	5	314
	4000	80	5	339
<b>MFL</b> 16°	2700	80	5	330
	3000	80	5	330
	4000	80	5	356
<b>FL</b> 26°	2700	80	5	324
	3000	80	5	324
	4000	80	5	349





## ACCESSORIES

Transparent diffuser



Ref.

**HSTR25**

Refractor for elliptical distribution of luminous flux



Ref.

**HSEL25**

Decorative Ring



Ref.

**HSRI40W**  
**HSRI40C**  
**HSRI40M**

Color



Soft Lens



Ref.

**HSSL25**

Anti-glare honeycomb grille



Ref.

**HSH025**

Buffer



Ref.

**HSCU25**

**Hance 48V**

Track 1000/2000lm

**HANCE 48V 1000/2000**

Family	Installation	Lm LED	Optics	CRI	K	Gear	Acc. Finishes	Finishes
<b>HS1</b>	<b>TL</b> Track 48V	<b>10</b> 700lm <b>20</b> 1000lm	<b>SS</b> SSP 10°	<b>8</b> 80	<b>27</b> 2700 K <b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF <b>D</b> DALI	<b>B</b> Black 01	<b>W</b> White 01 <b>B</b> Black 01
		<b>10</b> 1000lm <b>20</b> 2000lm	<b>SP</b> SP 17° <b>MF</b> MFL 23° <b>FL</b> FL 37°					
<b>HS1</b>	<b>TL</b>	<b>10</b>	<b>SS</b>	<b>8</b>	<b>27</b>	<b>N</b>	<b>B</b>	<b>W</b>

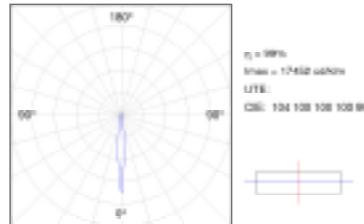




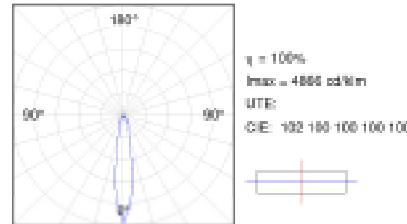
## TECHNICAL CHARACTERISTICS

## Optics

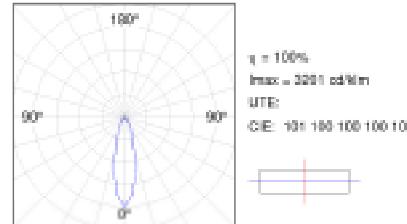
SSP 10°



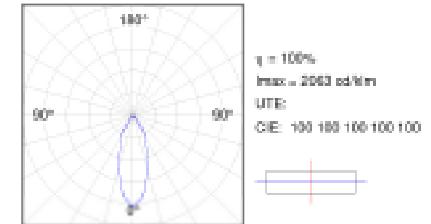
SP 17°



MFL 23°



FL 37°



## Light output and power

HANCE 48V 700/1000

	700lm		1000lm			
	K	CRI	W	Im Output	W	Im Output
SSP 10°	2700	80	8	498	12	689
	3000	80	8	498	12	689
	4000	80	8	537	12	746

HANCE 48V 1000/2000

	1000lm		2000lm			
	K	CRI	W	Im Output	W	Im Output
SP 17°	2700	80	9	657	18	1427
	3000	80	9	670	18	1556
	4000	80	9	710	18	1644
MFL 23°	2700	80	9	685	18	1489
	3000	80	9	699	18	1517
	4000	80	9	740	18	1606
FL 37°	2700	80	9	625	18	1357
	3000	80	9	637	18	1385
	4000	80	9	675	18	1466



## ACCESSORIES

Transparent diffuser



Ref.

HSTR50

● Can not be mounted on SSP models

Refractor for elliptical distribution of luminous flux



Ref.

HSEL50

Decorative Ring



Ref.

HSRI65W  
HSRI65C  
HSRI65M

Color



Soft Lens



Ref.

HSSL50

Anti-glare honeycomb grille



Ref.

HSH050

● Can not be mounted on SSP models

Buffer



Ref.

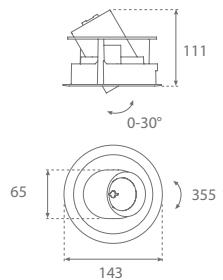
HSCU50



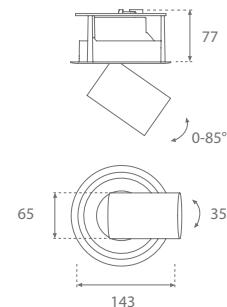
# Hance Downlight

**Hance Downlight**

Recessed 1000/2000lm

**Hance Downlight**

Semi-Rec 1000/2000lm

**DOWNLIGHT 700/1000lm**

Family	Installation	Lm LED	Optic	CRI	K	Gear	Acc. Finishes	Finishes
<b>HD1</b>	<b>RE</b> Recessed	<b>10</b> 700lm	<b>SS</b> SSP 10°	<b>9</b> 90	<b>30</b> 3000K	<b>N</b> ON/OFF	<b>B</b> Black	<b>W</b> White 03
	<b>SR</b> Semi-Recessed	<b>20</b> 1000lm			<b>40</b> 4000K	<b>D</b> DALI		<b>B</b> Black 03

HD1	RE	10	SS	9	30	N	B	W
-----	----	----	----	---	----	---	---	---

**DOWNLIGHT 1000/2000lm**

Family	Installation	Lm LED	Optic	CRI	K	Gear	Acc. Finishes	Finishes
<b>HD1</b>	<b>RE</b> Recessed	<b>10</b> 1000lm	<b>SP</b> SP 16°	<b>8</b> 80	<b>30</b> 3000K	<b>N</b> ON/OFF	<b>B</b> Black	<b>W</b> White 03
	<b>SR</b> Semi-Recessed	<b>20</b> 2000lm	<b>MF</b> MFL 23°		<b>40</b> 4000K	<b>D</b> DALI		<b>B</b> Black 03

HD1	RE	10	SP	8	30	N	B	W
-----	----	----	----	---	----	---	---	---

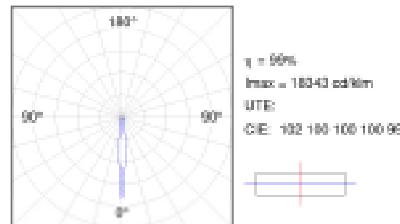




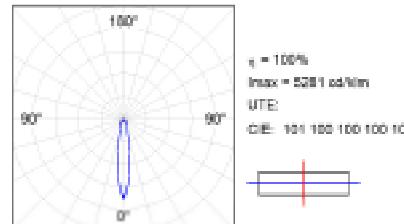
## TECHNICAL CHARACTERISTICS

### Optics

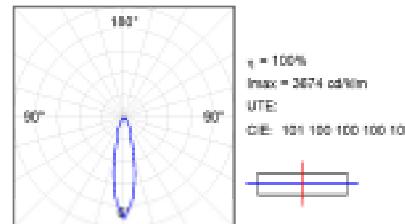
**SSP 10°**



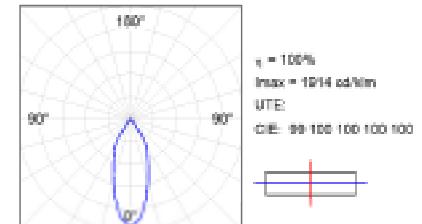
**SP 16°**



**MFL 23°**



**FL 34°**



### Light output and power

**HANCE DOWNLIGHT 700/1000lm**

	700lm		1000lm	
	K	CRI	W	lm Output
SSP 10°	3000 4000	90 90	7 7	438 492
			13	652 737

**HANCE DOWNLIGHT 1000/2000lm**

	1000lm		2000lm	
	K	CRI	W	lm Output
SP 16°	3000 4000	80 80	7 7	773 710
MFL 23°	3000 4000	80 80	7 7	806 740
FL 34°	3000 4000	80 80	7 7	697 675
			18	1707 1644
			18	1760 1606
			18	1445 1466



## ACCESSORIES

Transparent diffuser



Ref.

HSTR50

● Can not be mounted on SS models

Refractor for elliptical distribution of luminous flux



Ref.

HSEL50

Decorative Ring



Ref.

HSRI65W  
HSRI65C  
HSRI65M

Color



Soft Lens



Ref.

HSSL50

Anti-glare honeycomb grille



Ref.

HSH050

● Can not be mounted on SS models

Buffer

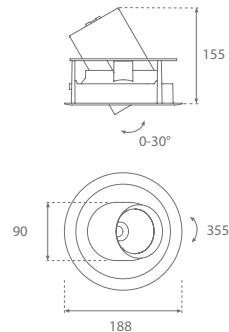


Ref.

HSCU50

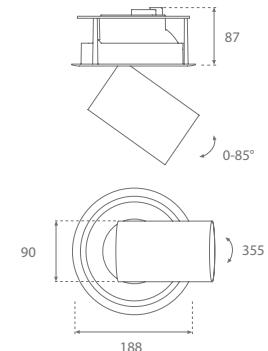
## Hance Downlight

Recessed 3000/4000lm



## Hance Downlight

Recessed 3000/4000lm



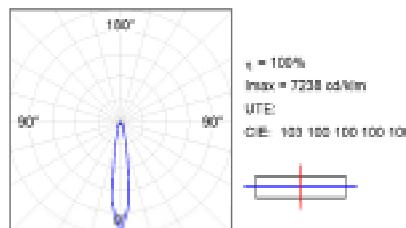
### DOWNLIGHT 3000/4000lm

Family	Installation	Lm LED	Optic	CRI	K	Gear	Acc. Finishes	Finishes
<b>HD1</b>	RE Recessed	30 3000lm	SP SP 16°	8	30 3000K	N ON/OFF	B Black	W White 03
	SR Semi-Recessed	40 4000lm	MF MFL 23°		40 4000K	D DALI		B Black 03
HD1	RE	30	SP	8	30	N	B	W

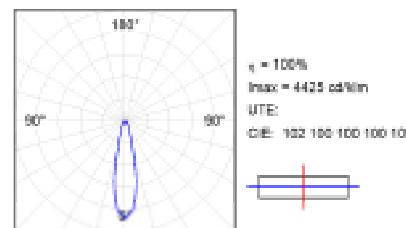
### TECHNICAL CHARACTERISTICS

#### Optics

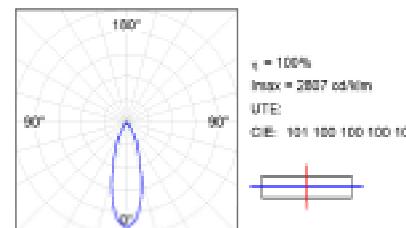
##### SP 16°



##### MFL 23°



##### FL 32°



#### Light output and power

##### 3000lm 4000lm

	K	CRI	W	lm Output	W	lm Output
SP 16°	3000	80	25	2541	35	3295
	4000	80	25	2656	35	3431
MFL 23°	3000	80	25	2625	35	3387
	4000	80	25	2744	35	3527
FL 32°	3000	80	25	2569	35	3290
	4000	80	25	2686	35	3426





## ACCESSORIES

Transparent diffuser



Ref.

HSTR75

● Can not be mounted on SS models

Refractor for elliptical distribution of luminous flux



Ref.

HSEL75

Decorative Ring



Ref.

HSRI90W  
HSRI90C  
HSRI90M

Color



Soft Lens



Ref.

HSSL75

Anti-glare honeycomb grille



Ref.

HSH075

● Can not be mounted on SS models

Buffer



Ref.

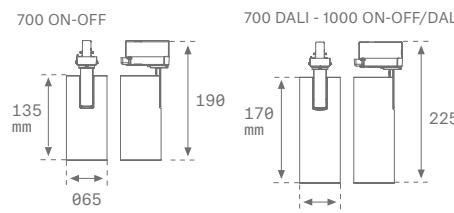
HSCU75



# Hance Spotlight



## Hance Spotlight Track 1000



### HANCE SPOTLIGHT 1000

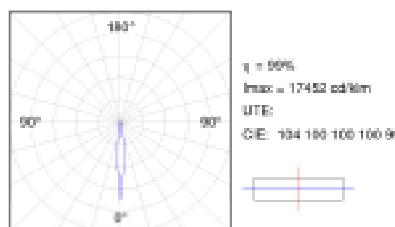
Family	Installation	Lm LED	Optic	CRI	K	Gear	Acc. Finishes	Finishes
<b>HS1</b>	TK Track	<b>10</b> 700lm	SS SSP 10°	<b>9</b>	30 3000 K	N ON/OFF	B Black	W White 03
	SF Surface	<b>20</b> 1000lm			40 4000 K	D DALI		B Black 03
	SR Semi-Recessed							

HS1	TK	10	SS	9	30	N	B	W
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## TECHNICAL CHARACTERISTICS

### Optics

#### SSP 10°



### Light output and power

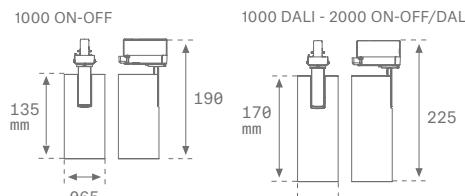
#### HANCE SPOTLIGHT 700/1000

	700lm			1000lm		
	K	CRI	W	Im Output	W	Im Output
SSP	3000	90	7	438	13	657
10°	4000	90	7	492	13	738



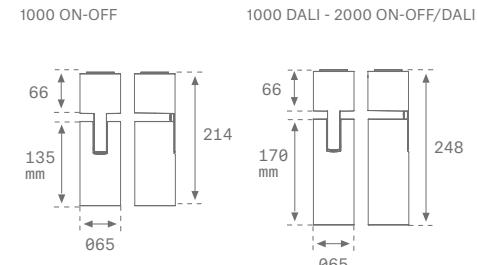
## Hance Spotlight

Track 1000-2000



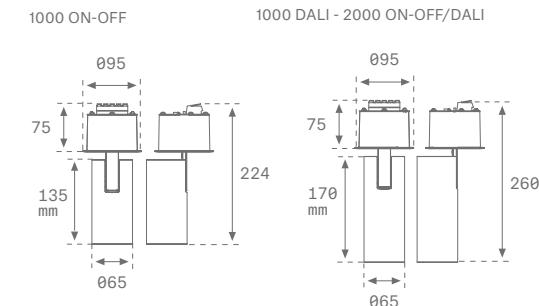
## Hance Spotlight

Surface 1000-2000



## Hance Spotlight

Semi-Rec 1000-2000



### HANCE SPOTLIGHT 1000-2000

Family	Installation	Lm LED	Optic	CRI	K	Gear	Acc. Finishes	Finishes
<b>HS1</b>	TK Track	<b>10</b> 1000lm	<b>SP</b> SP 16-17°	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b>	ON/OFF	<b>W</b> White 03
	SF Surface	<b>20</b> 2000lm	<b>MF</b> MFL 23-24°		<b>40</b> 4000 K	<b>D</b>	DALI	<b>B</b> Black 03
	SR Semi-Recessed		<b>FL</b> FL 36-37°					<b>B</b> Black 03
HS1	TK	10	SP	8	30	N	B	W

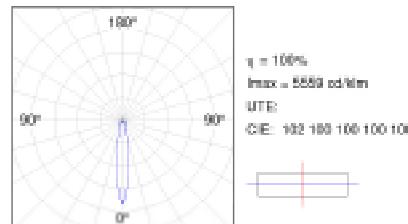




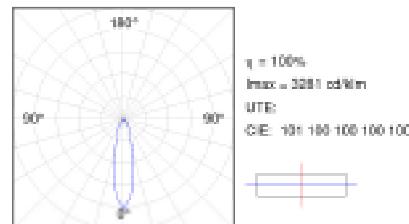
## TECHNICAL CHARACTERISTICS

### Optics

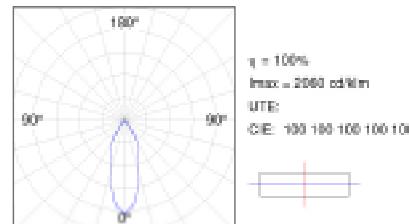
**SP 16-17°**



**MFL 23-24°**



**FL 36-37°**



### Light output and power

**HANCE SPOTLIGHT 1000-2000**

	1000lm		2000lm			
	K	CRI	W	lm Output	W	lm Output
<b>SP</b> <i>16°-17°</i>	3000	80	7	773	18	1707
	4000	80	7	778	18	1667
<b>MFL</b> <i>23°-24°</i>	3000	80	7	806	18	1760
	4000	80	7	794	18	1703
<b>FL</b> <i>36°-37°</i>	3000	80	7	697	18	1445
	4000	80	7	675	18	1560



## ACCESSORIES

Transparent diffuser



Ref.

HSTR50

**● Can not be mounted on SSP models**

Refractor for elliptical distribution of luminous flux



Ref.

HSEL50

Decorative Ring



Ref.

HSRI65W  
HSRI65C  
HSRI65M

Color



Soft Lens



Ref.

HSSL50

Anti-glare honeycomb grille



Ref.

HSH050

**● Can not be mounted on SSP models**

Buffer

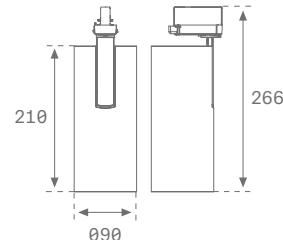


Ref.

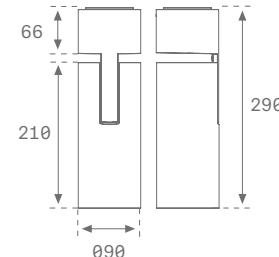
HSCU50



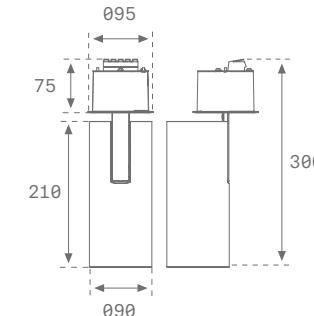
### Hance Spotlight Track 3000-4000



### Hance Spotlight Surface 3000-4000



### Hance Spotlight Semi-Rec 3000-4000



#### HANCE SPOTLIGHT 3000-4000

Family	Installation	Lm LED	Optic	CRI	K	Gear	Acc. Finishes	Finishes
HS1	TK Track	30 3000lm	SP SP 17°	8 80	30 3000 K	N ON/OFF	B Black	W White 03
	SF Surface	40 4000lm	MF MFL 23°		40 4000 K	D DALI		B Black 03
	SR Semi-Recessed		FL FL 34°					
HS1	TK	30	SP	8	30	N	B	W

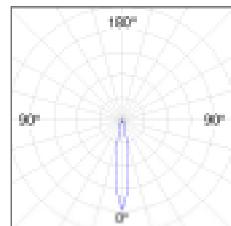




## TECHNICAL CHARACTERISTICS

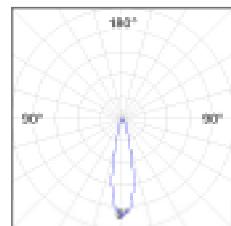
### Optics

**SP 16°**



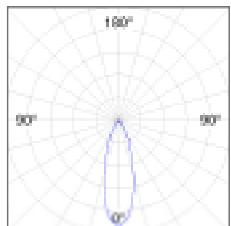
$\eta = 100\%$   
 $I_{max} = 3905 \text{ cd/lm}$   
UTE:  
CIE: 104 100 100 100 100

**MFL 23°**



$\eta = 100\%$   
 $I_{max} = 4425 \text{ cd/lm}$   
UTE:  
CIE: 102 100 100 100 100

**FL 34°**



$\eta = 100\%$   
 $I_{max} = 2887 \text{ cd/lm}$   
UTE:  
CIE: 101 100 100 100 100

### Light output and power

#### HANCE SPOTLIGHT 3000-4000

	3000lm		4000lm	
	K	CRI	W	lm Output
SP 16°	3000	80	25	2541
	4000	80	25	2656
MFL 23°	3000	80	25	2625
	4000	80	25	2744
FL 37°	3000	80	25	2569
	4000	80	25	2686



## ACCESSORIES

Transparent diffuser

**Ref.****HSTR75**

Refractor for elliptical distribution of luminous flux

**Ref.****HSEL75**

Decorative Ring

**Ref.****HSRI90W**  
**HSRI90C**  
**HSRI90M****Color**

Soft Lens

**Ref.****HSSL75**

Anti-glare honeycomb grille

**Ref.****HSH075**

Buffer

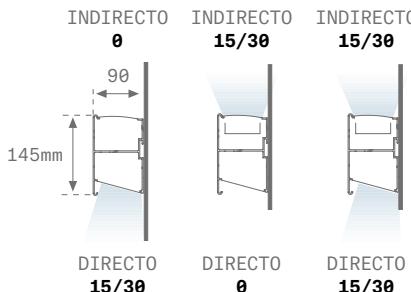
**Ref.****HSCU75**



# Health & Wellness



## Clinic



### CLINIC

Family	Format	Lm LED Dir.	Lm LED Ind.	CRI	K	Gear	Finishes
CL1	120 1173	15 1620 lm θ	15 1620 lm θ	8	80	40 4000 K	N ON/OFF W White 01
	175 1756	30 3240 lm 15 1620 lm θ	30 3240 lm 15 1620 lm θ				
CL1	120	15	15	8	40	N	W

### CLINIC TW

Family	Format	Optics	Lm LED	CRI	K	Gear
CL1	058 1173mm 115 1150mm	DR Direct ID Indirect	M0	8 80	TW Tunable White	D DALI
CL1	058	DR	M0	8	TW	D

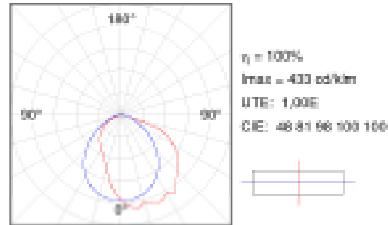




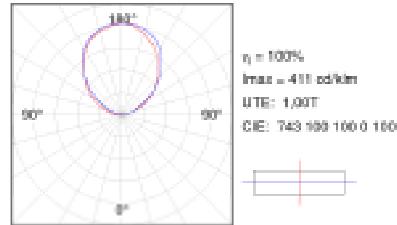
## TECHNICAL CHARACTERISTICS

## Optics

## DIRECT



## INDIRECT



## Light output and power

## CLINIC

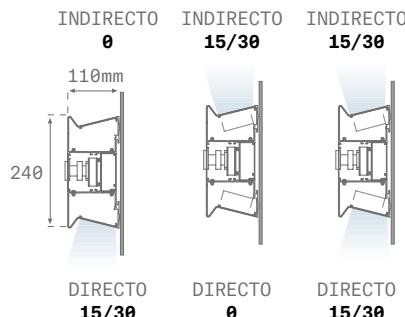
	580mm		1150mm	
	K	CRI	W	Im Output
DIR	4000	80	10	1150
IND	4000	80	10	1170

## CLINIC TW

	580mm		1150mm	
	K	CRI	W	Im Output
DIR	TW	80	11	1070
IND	TW	80	11	1090

	W	Im Output
DIR	22	2140
IND	22	2180

## Clinic Gas



### CLINIC GAS

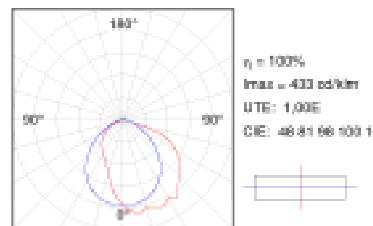
Family	Format	Lm LED Dir.	Lm LED Ind.	Gas connection	CRI	K	Gear	Finishes
CG1	185 1856	30 3240 lm	30 3240 lm	1 1	8	80	40 4000 K	N ON/OFF W White 01
		15 1620 lm	15 1620 lm	2 2			TW Tunable White	
		0 0	0 0	3 3				

CG1 185 30 30 1 8 40 N W

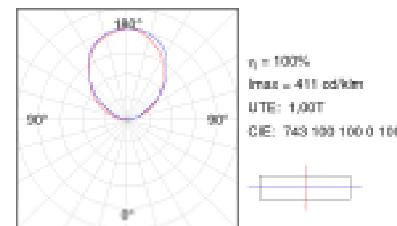
### TECHNICAL CHARACTERISTICS

#### Optics

##### DIRECT

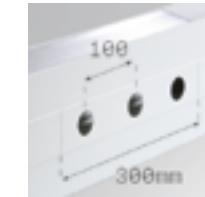


##### INDIRECT





## ACCESSORIES

**1** medical gas outlet**Ref.****1****2** medical gas outlets**Ref.****2****3** medical gas outlets**Ref.****3**

## Single-pole switch

**Ref.****CLAC1PIN****Color****Ref.****CLAC1PDB****Color**

## Schuko socket outlet

**Ref.****CLACSK****Color**

## Two way switch

**Ref.****CLAC2PIN****Color**

## Pull cord

**Ref.****CLACTPUSH****Color**

## Schuko socket outlet (France)

**Ref.****CLACSKFR****Color**

## ACCESSORIES

## Single-pole pull switch

**Ref.** CLACTSW      **Color**

## Blank cover

**Ref.** CLACCO      **Color**

## Night light

**Ref.** CLACNL      **Color**

## RJ-45 connector

**Ref.** CLACRJ45      **Color**

## Remote push-button

**Ref.** CLACPUSH      **Color**

## Call and presence push button

**Ref.** CLACCPPUSH      **Color**

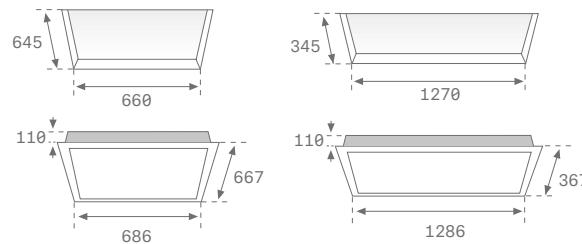
## Remote control

**Ref.** CLACRC      **Color**



# Hermética

## Hermética



### HERMÉTICA

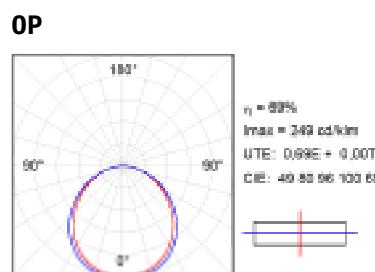
Family	Format	Lm LED	IP	Optic	CRI	K	Gear	Finishes
<b>HM1</b>	<b>068</b> 686x667mm	<b>45</b> 4500lm	<b>65</b>	<b>IP65</b>	<b>OP</b> Opal	<b>8</b> 80	<b>40</b> 4000 K	<b>N</b> ON/OFF
	<b>128</b> 1286x367mm							<b>W</b> White 04

HM1	068	45	65	OP	8	40	N	W
-----	-----	----	----	----	---	----	---	---

### TECHNICAL CHARACTERISTICS

#### Optics



#### Light output and power

#### HERMÉTICA

	686x667mm			1270x345mm			
	OP	K	CRI	W	lm Output	W	lm Output
	OP	4000	80	31	4075	31	4075

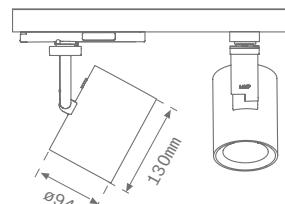




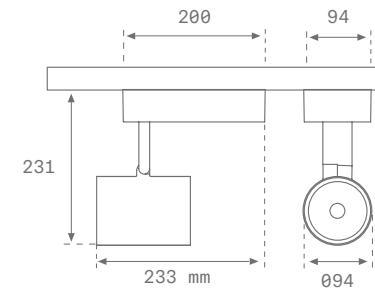
Imag

**Imag G3**

Track

**Imag**

Track

**IMAG G3**

Family	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>IM3</b>	<b>TK</b> Track	<b>20</b> 2000lm	<b>SP</b> SP 15°-20°	<b>9</b>	90	<b>30</b> 3000 K	<b>W</b> White 05
		<b>30</b> 3000lm	<b>MF</b> MFL 22°-26°			<b>40</b> 4000 K	<b>B</b> Black 05
		<b>40</b> 4000lm	<b>FL</b> FL 33°-36°				
			<b>WF</b> WFL 56°-57°				
IM3	TK	20	SP	9	30	N	W

**IMAG**

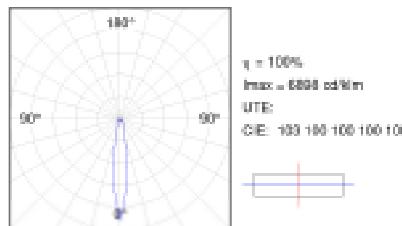
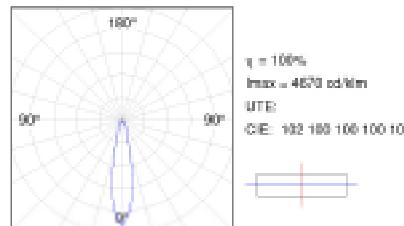
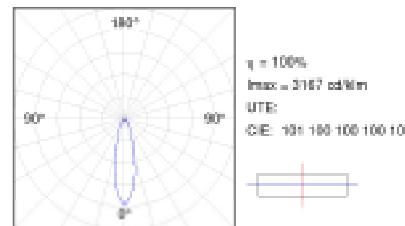
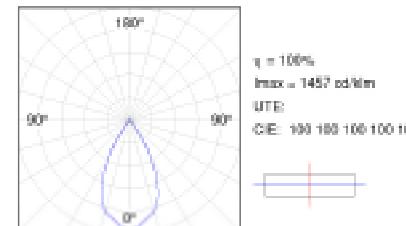
Family	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>IM2</b>	<b>TK</b> Track	<b>20</b> 2000lm	<b>SP</b> SP 15°-20°	<b>8</b>	80	<b>30</b> 3000 K	<b>W</b> White 05
		<b>30</b> 3000lm	<b>MF</b> MFL 22°-26°			<b>40</b> 4000 K	<b>B</b> Black 05
		<b>40</b> 4000lm	<b>FL</b> FL 33°-36°				
		<b>50</b> 5000lm	<b>WF</b> WFL 56°-57°				
IM2	TK	20	SP	8	30	N	W





## TECHNICAL CHARACTERISTICS

## Optics

**SP 15°-20°****FL 22°-26°****MFL 33°-36°****WFL 56°-57°**

## Light output and power

**IMAG G3**

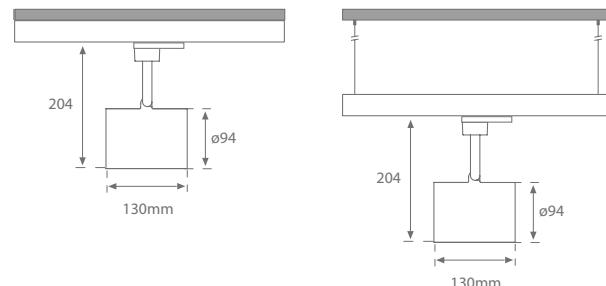
	2000lm		3000lm		4000lm	
	K	CRI	W	Im Output	W	Im Output
SP 15°-20°	3000	90	14	1416	25	2304
	4000	90	14	1509	25	2454
FL 22°-26°	3000	90	14	1469	25	2389
	4000	90	14	1565	25	2546
MFL 33°-36°	3000	90	14	1505	25	2449
	4000	90	14	1604	25	2609
WFL 56°-57°	3000	90	14	1607	25	2615
	4000	90	14	1712	25	2786
					37	3415
					37	3639

**IMAG TRACK**

	2000lm		3000lm		4000lm		5000lm	
	K	CRI	W	Im Output	W	Im Output	W	Im Output
SP 15°-20°	3000	80	15	1582	26	2565	30	3172
	4000	80	15	1648	26	2672	30	3304
FL 22°-26°	3000	80	15	1650	26	2675	30	3311
	4000	80	15	1719	26	2887	30	3449
MFL 33°-36°	3000	80	15	1636	26	2652	30	3342
	4000	80	15	1704	26	2763	30	3481
WFL 56°-57°	3000	80	15	1797	26	2914	30	3540
	4000	80	15	1872	26	3035	30	3688

**Imag**

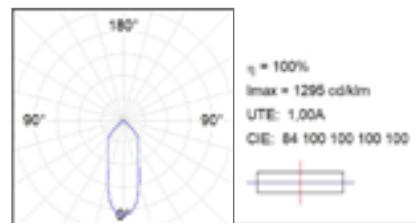
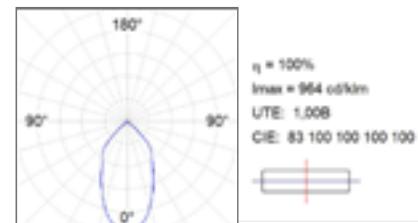
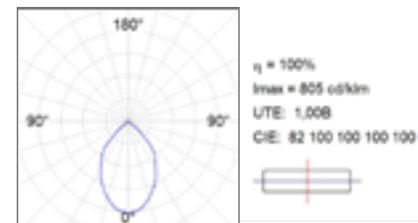
## Track Multispectral

**IMAG TRACK MULTISPECTRAL**

Family	Installation	Lm LED	Optic	K	Gear	Finishes
<b>IM2</b>	<b>TK</b> Track	<b>30</b> 3000lm	<b>MF</b> MFL 40° <b>FL</b> FL 30° <b>WF</b> WFL 55°	<b>MS</b> Multispectral	<b>W</b> Wifi	<b>W</b> White 05 <b>B</b> Black 05
IM2	TK	30	MF	MS	W	W

## TECHNICAL CHARACTERISTICS

## Optics

**FL 30°****MFL 40°****WFL 55°**

## ACCESSORIES

Adaptor mandatory to use accessories



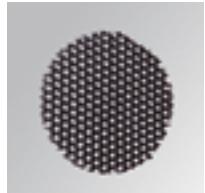
Ref.	Color
ADRD170B	●

Refractor for elliptical distribution of luminous flux



Ref.	Ømm
ELRD150	95

Anti-glare honeycomb grille



Ref.	Color
HORD150	●

Anti-glare screen



Ref.	Color
SCRD170B	●

Anti-glare louvres



Ref.	Color	mm
LORD170B	●	L 112

Buffer



Ref.	Color
CURD95B	●



# Kombic Downlight

# Kombic Downlight | Indoor

BASIC

## Kombic Downlight 70 Round Opal (54°)



COMFORT

## Kombic Downlight 70 Round Optic (50°)

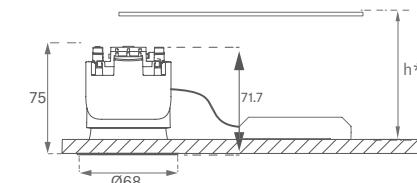


EFFICIENCY

## Kombic Downlight 70 Round Reflector



FAMILY PRESENTATION



\* See height (h) in the instruction sheet.

### KOMBIC DOWNLIGHT 70 OPAL

Family	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
K71	15 1500lm	44 IP 44	OP Opal 54°	9 90	27 2700 K	N ON/OFF	W White	W White 02
				8 80	30 3000 K	D DALI		
					40 4000 K			
K71	15	44	OP	9	30	N	W	W

### KOMBIC DOWNLIGHT 70 OPTIC

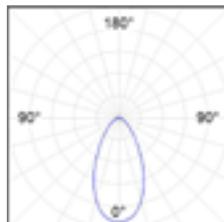
Family	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
K71	15 1500lm	23 IP 23	WF Optic 52°	9 90	27 2700 K	N ON/OFF	W White	W White 02
				8 80	30 3000 K	D DALI	B Black	B Black 02
					40 4000 K			
K71	15	23	WF	9	30	N	W	W

### KOMBIC DOWNLIGHT 70 REFLECTOR

Family	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
K71	15 1500lm	23 IP 23	RF Flood 33°	9 90	27 2700 K	N ON/OFF	W White	W White 02
			RW Wide Flood 52°	8 80	30 3000 K	D DALI	B Black	B Black 02
					40 4000 K			
K71	15	23	WF	9	30	N	W	W

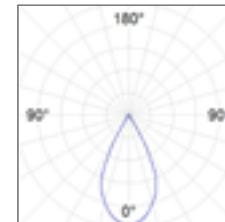


OP 54°



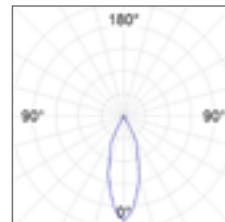
$\eta = 100\%$   
Imax = 942 cd/km  
UTE: 1.008  
CIE: 75 94 99 100 100

WFL 52°



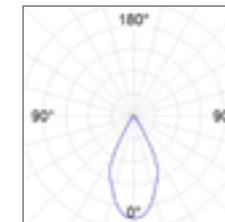
$\eta = 100\%$   
Imax = 1601 cd/km  
UTE:  
CIE: 99 100 100 100 100

FL 33°



$\eta = 100\%$   
Imax = 2619 cd/km  
UTE:  
CIE: 101 100 100 100 100

WFL 52°



$\eta = 100\%$   
Imax = 1630 cd/km  
UTE:  
CIE: 99 100 100 100 100

KOMBIC DOWNLIGHT 70 OPAL

	1500lm			
	K	CRI	W	lm Output
WH (54°)	2700	90	8,4	763
	80	-	892	
3000	90	8,4	796	
	80	-	935	
4000	90	8,4	849	
	80	-	981	

KOMBIC DOWNLIGHT 70 OPTIC

	1500lm			
	K	CRI	W	lm Output
WFL WH (52°)	2700	90	8,4	795
	80	-	929	
3000	90	8,4	829	
	80	-	973	
4000	90	8,4	884	
	80	-	1022	
BK	2700	90	8,4	708
	80	-	828	
3000	90	8,4	739	
	80	-	868	
4000	90	8,4	788	
	80	-	911	

KOMBIC DOWNLIGHT 70 REFLECTOR

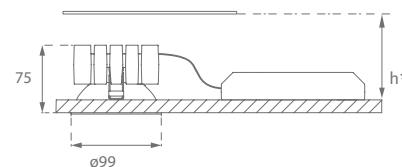
	1500lm			
	K	CRI	W	lm Output
FL WH (33°)	2700	90	8,4	959
	80	-	1120	
3000	90	8,4	1000	
	80	-	1174	
4000	90	8,4	1066	
	80	-	1232	
BK	2700	90	8,4	840
	80	-	981	
3000	90	8,4	876	
	80	-	1029	
4000	90	8,4	934	
	80	-	1080	
BK	2700	90	8,4	730
	80	-	854	
3000	90	8,4	762	
	80	-	895	
4000	90	8,4	813	
	80	-	939	

# Kombic Downlight | Indoor

BASIC

**Kombic Downlight 100**

Round Opal

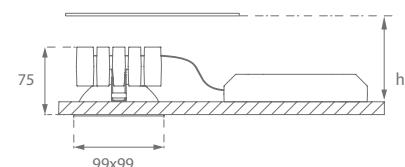


\* See height (h) in the instruction sheet.

BASIC

**Kombic Downlight 100**

Square Opal

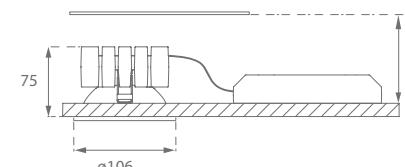


\* See height (h) in the instruction sheet.

BASIC

**Kombic Downlight 100**

Opal IP55



\* See height (h) in the instruction sheet.

FAMILY PRESENTATION



## KOMBIC DOWNLIGHT 100 OPAL

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	RD Round	<b>15</b> 1500lm	<b>40</b> IP 40	<b>OP</b> Opal	<b>9</b> 90	<b>27</b> 2700 K	<b>N</b> ON/OFF	<b>R</b> Bright	<b>W</b> White 02
	SQ Square	<b>20</b> 2000lm				<b>30</b> 3000 K	<b>D</b> DALI	<b>M</b> Metalized Matt	
						<b>40</b> 4000 K		<b>W</b> White	
		<b>20</b> 2000lm	<b>40</b> IP 40	<b>OP</b> Opal	<b>8</b> 80	<b>30</b> 3000 K			
						<b>40</b> 4000 K			
		<b>25</b> 2500lm							
	RD Round	<b>20</b> 2000lm	<b>55</b> IP 55	<b>OP</b> Opal	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>M</b> Metalized Matt	<b>W</b> White 02
		<b>25</b> 2500lm				<b>40</b> 4000 K	<b>D</b> DALI		
<b>K11</b>	<b>RD</b>	<b>15</b>	<b>40</b>	<b>OP</b>	<b>9</b>	<b>30</b>	<b>N</b>	<b>R</b>	<b>W</b>



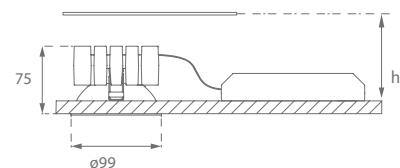
# Kombic Downlight | Indoor



BASIC

**Kombic Downlight 100**

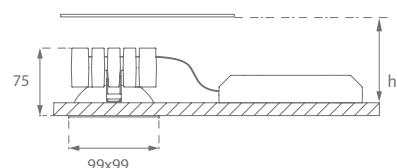
Round Opal



BASIC

**Kombic Downlight 100**

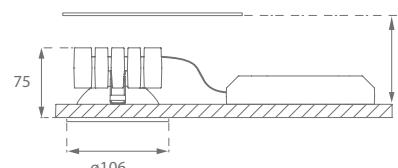
Square Opal



BASIC

**Kombic Downlight 100**

Opal IP55



\* See height (h) in the instruction sheet.

WB

## KOMBIC DOWNLIGHT 100 OPAL WELLBEING

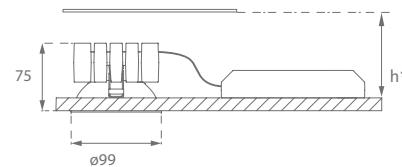
Family	Installation	Lm LED	IP	Optic	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	RD Round	15 1500lm	40 IP 40	OP Opal	WB3 3000 WB WB4 4000 WB	N ON/OFF D DALI	R Bright M Metalized Matt W White	W White 02
	SQ Square	20 2000lm						
	RD Round	15 1500lm	55 IP 55	OP Opal	WB3 3000 WB WB4 4000 WB	N ON/OFF D DALI	M Metalized Matt	W White 02
		20 2000lm						
K11	RD	15	40	OP	WB3	N	R	W

## KOMBIC DOWNLIGHT 100 OPAL TW

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	RD Round	20 2000lm	40 IP 40	OP Opal	9 90	TW Tunnable White	D DALI	R Bright M Metalized Matt W White	W White 02
	SQ Square								
K11	RD	20	40	OP	9	TW	D	R	W

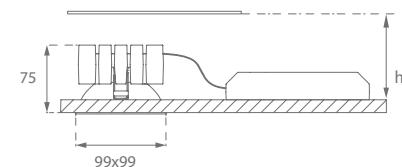
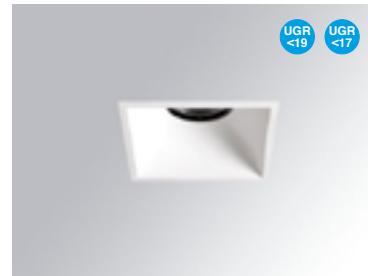


**COMFORT**  
**Kombic Downlight 100**  
 Round Optic



\* See height (h) in the instruction sheet.

**COMFORT**  
**Kombic Downlight 100**  
 Square Optic



\* See height (h) in the instruction sheet.

FAMILY PRESENTATION



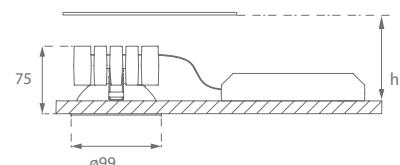
## KOMBIC DOWNLIGHT 100 OPTIC

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	<b>RD</b> Round	<b>15</b> 1500lm	<b>40</b> IP 40	<b>WF</b> WFL 50°	<b>9</b>	<b>90</b>	<b>27</b> 2700 K	<b>N</b> ON/OFF	<b>B</b> Black
	<b>SQ</b> Square	<b>20</b> 2000lm					<b>30</b> 3000 K	<b>D</b> DALI	<b>B</b> Black 02
							<b>40</b> 4000 K		<b>W</b> White 02
		<b>20</b> 2000lm	<b>40</b> IP 40	<b>WF</b> WFL 50°	<b>8</b>	<b>80</b>	<b>30</b> 3000 K	<b>M</b> Metalized Matt	<b>W</b> White 02
		<b>25</b> 2500lm					<b>40</b> 4000 K	<b>W</b> White	
<b>K11</b>	<b>RD</b>	<b>15</b>	<b>40</b>	<b>WF</b>	<b>9</b>	<b>27</b>	<b>N</b>	<b>B</b>	<b>B</b>

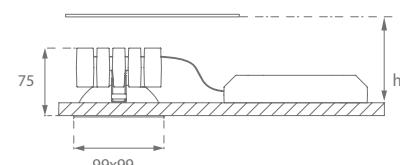




**COMFORT**  
**Kombic Downlight 100**  
 Round Optic



**COMFORT**  
**Kombic Downlight 100**  
 Square Optic



\* See height (h) in the instruction sheet.



## KOMBIC DOWNLIGHT 100 OPTIC WELLBEING

Family	Installation	Lm LED	IP	Optic	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	RD Round	<b>15</b> 1500lm	<b>40</b> IP 40	WF WFL 50°	WB3 3000 WB WB4 4000 WB	N ON/OFF D DALI	B Black M Metalized Matt W White	B Black 02 W White 02
	SQ Square	<b>20</b> 2000lm						

K11 RD 15 40 WF WB3 N B W

## KOMBIC DOWNLIGHT 100 OPTIC TW

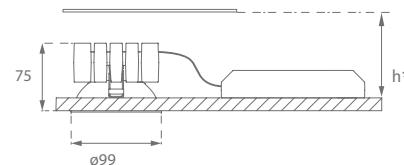
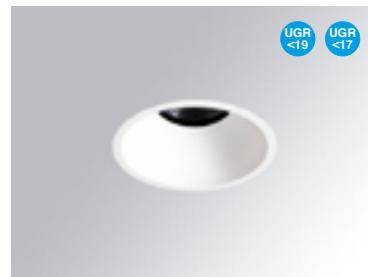
Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	RD Round	<b>20</b> 2000lm	<b>40</b> IP 40	WF WFL 50°	9 90	TW Tunable White	D DALI	B Black M Metalized Matt W White	B Black 02 W White 02

K11 RD 20 40 WF 9 TW D B





## EFFICIENCY

**Kombic Downlight 100**  
 Reflector


\* See height (h) in the instruction sheet.

**KOMBIC DOWNLIGHT 100 REFLECTOR**

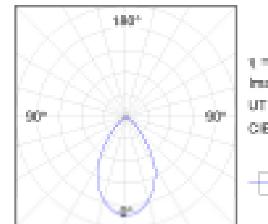
Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	<b>RD</b> Round	<b>15</b> 1500lm	<b>23</b> IP 23	<b>RF</b> Flood	<b>9</b>	<b>90</b>	<b>27</b> 2700 K	<b>N</b> ON/OFF	<b>B</b> Black
		<b>20</b> 2000lm		<b>RW</b> Wide Flood			<b>30</b> 3000 K	<b>D</b> DALI	<b>B</b> Black 02
							<b>40</b> 4000 K		<b>W</b> White 02
		<b>20</b> 2000lm	<b>23</b> IP 23	<b>RF</b> Flood	<b>8</b>	<b>80</b>	<b>30</b> 3000 K	<b>M</b> Metalized Matt	<b>W</b> White 02
		<b>25</b> 2500lm		<b>RW</b> Wide Flood			<b>40</b> 4000 K	<b>W</b> White	
<b>K11</b>	<b>RD</b>	<b>15</b>	<b>23</b>	<b>RF</b>	<b>9</b>	<b>27</b>	<b>N</b>	<b>B</b>	<b>B</b>



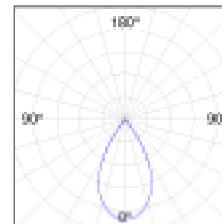
## TECHNICAL CHARACTERISTICS

### Optics

**OP**



**WFL 50°**



### Light output and power

#### KOMBIC DOWNLIGHT 100 OPAL

	K	CRI	1500lm		2000lm		2500lm	
			W	Im Output	W	Im Output	W	Im Output
BR	2700	90	13	1191	19	1598	19	-
	80	-	-	-	13	-	19	-
3000	90	13	1230	-	19	1648	19	-
	80	-	-	-	13	1460	19	1959
4000	90	13	1336	-	19	1792	19	-
	80	-	-	-	13	1547	19	2075
MA	2700	90	13	1135	19	1523	19	-
	80	-	-	-	13	-	19	-
3000	90	13	1172	-	19	1571	19	-
	80	-	-	-	13	1392	19	1867
4000	90	13	1273	-	19	1708	19	-
	80	-	-	-	13	1474	19	1978
WH	2700	90	13	1186	19	1591	19	-
	80	-	-	-	13	-	19	-
3000	90	13	1125	-	19	1642	19	-
	80	-	-	-	13	1454	19	1951
4000	90	13	1330	-	19	1785	19	-
	80	-	-	-	13	1541	19	2067

#### KOMBIC DOWNLIGHT 100 OPTIC

	K	CRI	1500lm		2000lm		2500lm	
			W	Im Output	W	Im Output	W	Im Output
BK	2700	90	13	983	19	1312	-	-
	80	-	-	-	-	-	-	-
3000	90	13	1015	-	19	1354	-	-
	80	-	-	-	14	1205	20	1609
4000	90	13	1102	-	19	1472	-	-
	80	-	-	-	14	1277	20	1704
MA	2700	90	13	1030	19	1380	-	-
	80	-	-	-	-	-	-	-
3000	90	13	1068	-	19	1424	-	-
	80	-	-	-	14	1268	20	1692
4000	90	13	1160	-	19	1548	-	-
	80	-	-	-	14	1343	20	1792
WH	2700	90	13	1040	19	1387	-	-
	80	-	-	-	-	-	-	-
3000	90	13	1074	-	19	1432	-	-
	80	-	-	-	14	1275	20	1701
4000	90	13	1166	-	19	1556	-	-
	80	-	-	-	14	1351	20	1802



## TECHNICAL CHARACTERISTICS

## Light output and power

## KOMBIC DOWNLIGHT 100 OPAL WELLBEING

			1200lm		1800lm	
	K	CRI	W	lm Output	W	lm Output
BR	3000	97	14	925	20	1267
	4000	97	14	991	20	1357
MA	3000	97	14	885	20	1197
	4000	97	14	948	20	1272
WH	3000	97	14	923	20	1271
	4000	97	14	995	20	1361

## KOMBIC DOWNLIGHT 100 OPTIC WELLBEING

			1200lm		1800lm	
	K	CRI	W	lm Output	W	lm Output
BK	3000	97	14	795	20	1068
	4000	97	14	851	20	1144
MA	3000	97	14	821	20	1141
	4000	97	14	879	20	1222
WH	3000	97	14	850	20	1148
	4000	97	14	910	20	1230

## KOMBIC DOWNLIGHT 100 REFLECTOR WF

			1500lm		2000lm		2500lm		
	K	CRI	W	lm Output	W	lm Output	W	lm Output	
WF	BK	2700	90	13	1168	19	1568	-	-
		80	-	-	-	-	-	-	
	3000	90	13	1218	19	1636	-	-	
		80	-	-	13	1421	19	1908	
	4000	90	13	1299	19	1744	-	-	
		80	-	-	13	1491	19	2002	
	MA	2700	90	13	1264	19	1710	-	-
		80	-	-	-	-	-	-	
MA	3000	90	13	1318	19	1784	-	-	
		80	-	-	13	1538	19	2081	
	4000	90	13	1406	19	1902	-	-	
		80	-	-	13	1614	19	2184	
	WH	2700	90	13	1264	19	1710	-	-
		80	-	-	-	-	-	-	
	3000	90	13	1318	19	1784	-	-	
		80	-	-	13	1538	19	2081	
	4000	90	13	1406	19	1902	-	-	
		80	-	-	13	1614	19	2184	

## KOMBIC DOWNLIGHT 100 REFLECTOR FL

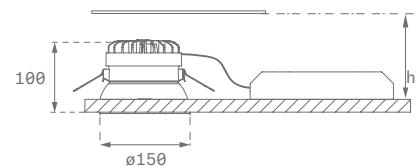
			1500lm		2000lm		2500lm		
	K	CRI	W	lm Output	W	lm Output	W	lm Output	
FL	BK	2700	90	13	1273	19	1711	-	-
		80	-	-	-	-	-	-	
	3000	90	13	1328	19	1785	-	-	
		80	-	-	13	1549	19	2082	
	4000	90	13	1416	19	1903	-	-	
		80	-	-	13	1226	19	2185	
	MA	2700	90	13	1325	19	1815	-	-
		80	-	-	-	-	-	-	
MA	3000	90	13	1382	19	1893	-	-	
		80	-	-	13	1612	19	2208	
	4000	90	13	1474	19	2019	-	-	
		80	-	-	13	1692	19	2318	
	WH	2700	90	13	1325	19	1815	-	-
		80	-	-	-	-	-	-	
	3000	90	13	1382	19	1893	-	-	
		80	-	-	13	1612	19	2208	
	4000	90	13	1474	19	2019	-	-	
		80	-	-	13	1692	19	2318	

## Kombic Downlight | Indoor

BASIC

### Kombic Downlight 150

Opal



\* See height (h) in the instruction sheet.

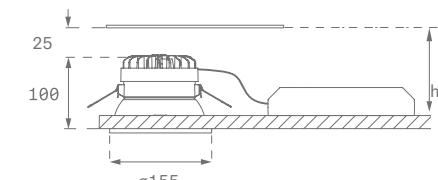
BASIC

### Kombic Downlight 150

Opal IP55



FAMILY PRESENTATION



\* See height (h) in the instruction sheet.

#### KOMBIC DOWNLIGHT 150 OPAL

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K21</b>	<b>RD</b> Round	<b>20</b> 2000lm	<b>40</b> IP 40	<b>OP</b> Opal	<b>9</b> 90	<b>27</b> 2700 K	<b>N</b> ON/OFF	<b>R</b> Bright	<b>W</b> White 02
		<b>30</b> 3000lm				<b>30</b> 3000 K	<b>D</b> DALI	<b>M</b> Metalized Matt	
						<b>40</b> 4000 K		<b>W</b> White	
		<b>20</b> 2000lm	<b>40</b> IP 40	<b>OP</b> Opal	<b>8</b> 80	<b>30</b> 3000 K			
		<b>30</b> 3000lm				<b>40</b> 4000 K			
		<b>35</b> 3500lm							
	<b>RD</b> Round	<b>20</b> 2000lm	<b>55</b> IP 55	<b>OP</b> Opal	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>M</b> Metalized Matt	<b>W</b> White 02
		<b>30</b> 3000lm				<b>40</b> 4000 K	<b>D</b> DALI		
		<b>35</b> 3500lm							
<b>K21</b>	<b>RD</b>	<b>20</b>	<b>40</b>	<b>OP</b>	<b>9</b>	<b>27</b>	<b>N</b>	<b>R</b>	<b>W</b>

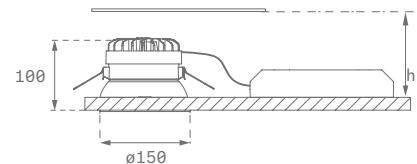


## Kombic Downlight | Indoor

BASIC

### Kombic Downlight 150

Opal



\* See height (h) in the instruction sheet.

BASIC

### Kombic Downlight 150

Opal IP55



FAMILY PRESENTATION



WB

#### KOMBIC DOWNLIGHT 150 OPAL WELLBEING

Family	Installation	Lm LED	IP	Optic	K	Gear	Reflector Finishes	Ext. Finishes
K21	RD Round	20 2000lm 25 2500lm	40 IP 40	OP Opal	WB3 3000 WB WB4 4000 WB	N ON/OFF D DALI	R Bright M Metalized Matt W White	W White 02
			55 IP 55	OP Opal	WB3 3000 WB WB4 4000 WB	N ON/OFF D DALI	M Metalized Matt	W White 02

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K21	RD	20	40	OP	WB3	N	R	W
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#### KOMBIC DOWNLIGHT 150 OPAL TW

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
K21	RD Round	30 3000lm	40 IP 40	OP Opal	9 90	TW Tunnable White	D DALI	R Bright M Metalized Matt W White	W White 02

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K21	RD	30	40	OP	9	TW	D	R	W
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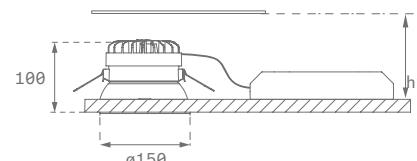




COMFORT

**Kombic Downlight 150**

Optic



\* See height (h) in the instruction sheet.

**KOMBIC DOWNLIGHT 150 OPTIC**

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
K21	RD Round	20 2000lm	40 IP 40	WF WFL 50°	9	90	27 2700 K	B Black	B Black 02
		30 2500lm			30	3000 K	D DALI		W White 02
		20 2000lm	40 IP 40	WF WFL 50°	8	80	30 3000 K	M Metalized Matt	W White 02
		30 2500lm			40	4000 K	W White		35 3500lm
K21	RD	20	40	WF	9	27	N	B	B

**KOMBIC DOWNLIGHT 150 OPTIC WELLBEING**

Family	Installation	Lm LED	IP	Optic	K	Gear	Reflector Finishes	Ext. Finishes
K21	RD Round	20 2000lm	40 IP 40	WF WFL 50°	WB3 3000 WB	N ON/OFF	B Black	B Black 02
		25 2500lm			WB4 4000 WB	D DALI		W White 02
							M Metalized Matt	W White 02
							W White	
K21	RD	20	40	WF	WB3	N	B	B

**KOMBIC DOWNLIGHT 150 OPTIC TW**

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
K21	RD Round	30 3000lm	40 IP 40	WF WFL 50°	9	90	TW Tunnable White	D DALI	B Black
									W White 02
								M Metalized Matt	W White 02
								W White	
K21	RD	30	40	WF	9	TW	D	B	B

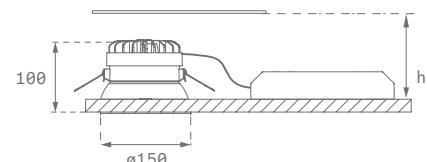




## EFFICIENCY

### Kombic Downlight 150

Round Reflector



\* See height (h) in the instruction sheet.

#### KOMBIC DOWNLIGHT 150 REFLECTOR

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K21</b>	<b>RD</b> Round	<b>20</b> 2000lm	<b>23</b> IP 23	<b>RF</b> Flood	<b>9</b>	<b>90</b> 2700 K	<b>N</b> ON/OFF	<b>B</b> Black	<b>B</b> Black 02
		<b>30</b> 3000lm		<b>RW</b> Wide Flood		<b>30</b> 3000 K	<b>D</b> DALI		<b>W</b> White 02
						<b>40</b> 4000 K			
		<b>20</b> 2000lm	<b>23</b> IP 23	<b>RF</b> Flood	<b>8</b>	<b>80</b> 3000 K	<b>M</b>	Metализированная матовая	<b>W</b> White 02
		<b>30</b> 3000lm		<b>RW</b> Wide Flood		<b>40</b> 4000 K	<b>W</b>	White	
		<b>35</b> 3500lm							

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K21	RD	20	23	RF	9	27	N	B	B
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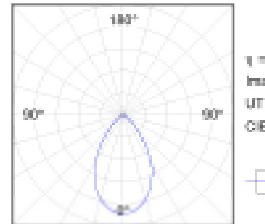




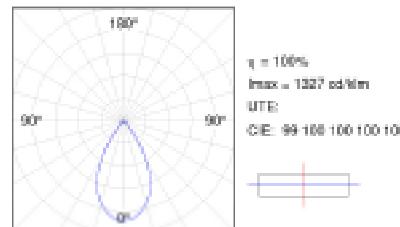
## TECHNICAL CHARACTERISTICS

### Optics

**OP**



**WFL 50°**



### Light output and power

#### KOMBIC DOWNLIGHT 150 OPAL

	K	CRI	2000lm		3000lm		3500lm	
			W	Im Output	W	Im Output	W	Im Output
BR	2700	90	19,8	-	1675	27,7	2227	-
		80	-		-	-	-	-
3000	90	19,8	1739		27,7	2312	-	-
	80	13,4	1488		19,9	2096	27,7	2788
4000	90	19,8	1874		27,7	2492	-	-
	80	13,4	1550		19,9	2184	27,7	2904
MA	2700	90	19,8	-	1606	27,7	2135	-
		80	-		-	-	-	-
3000	90	19,8	1667		27,7	2216	-	-
	80	13,4	1427		19,9	2010	27,7	2673
4000	90	19,8	1797		27,7	2389	-	-
	80	13,4	1486		19,9	2094	27,7	2784
WH	2700	90	19,8	-	1658	27,7	2203	-
		80	-		-	-	-	-
3000	90	19,8	1720		27,7	2288	-	-
	80	13,4	1473		19,9	2074	27,7	2759
4000	90	19,8	1854		27,7	2466	-	-
	80	13,4	1534		19,9	2161	27,7	2874

#### KOMBIC DOWNLIGHT 150 OPTIC

	K	CRI	2000lm		3000lm		3500lm	
			W	Im Output	W	Im Output	W	Im Output
BK	2700	90	19,8	-	1289	27,7	1713	-
		80	-		-	-	-	-
3000	90	19,8	1338		27,7	1779	-	-
	80	13,4	1145		19,9	1613	27,7	2145
4000	90	19,8	1442		27,7	1917	-	-
	80	13,4	1193		19,9	1680	27,7	2235
MA	2700	90	19,8	-	1293	27,7	1718	-
		80	-		-	-	-	-
3000	90	19,8	1342		27,7	1784	-	-
	80	13,4	1148		19,9	1618	27,7	2151
4000	90	19,8	1446		27,7	1923	-	-
	80	13,4	1196		19,9	1685	27,7	2241
WH	2700	90	19,8	-	1332	27,7	1771	-
		80	-		-	-	-	-
3000	90	19,8	1383		27,7	1838	-	-
	80	13,4	1184		19,9	1677	27,7	2217
4000	90	19,8	1490		27,7	1982	-	-
	80	13,4	1233		19,9	1737	27,7	2310



## TECHNICAL CHARACTERISTICS

Light output and power

## KOMBIC DOWNLIGHT 150 OPAL WELLBEING

			2000lm		2500lm	
	K	CRI	W	lm Output	W	lm Output
BR	3000	97	20,8	1340	28	1767
	4000	97	20,8	1476	28	2030
MA	3000	97	20,8	1281	28	1723
	4000	97	20,8	1415	28	1923
WH	3000	97	20,8	1333	28	1785
	4000	97	20,8	1459	28	2011

## KOMBIC DOWNLIGHT 150 OPTIC WELLBEING

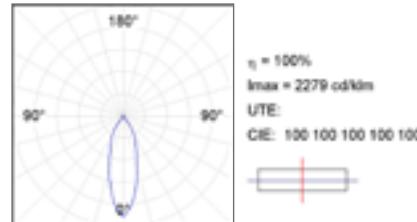
			2000lm		2500lm	
	K	CRI	W	lm Output	W	lm Output
BK	3000	97	20,8	1167	28	1411
	4000	97	20,8	1284	28	1531
MA	3000	97	20,8	1180	28	1433
	4000	97	20,8	1308	28	1588
WH	3000	97	20,8	1180	28	1460
	4000	97	20,8	1322	28	1586



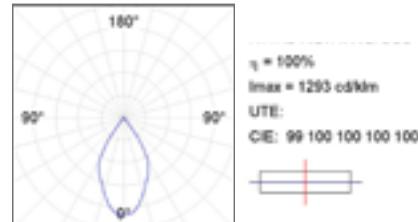
## TECHNICAL CHARACTERISTICS

Light output and power

**FL 30°**



**WFL 60°**



### KOMBIC DOWNLIGHT 150 RF

	K	CRI	2000lm		3000lm		3500lm	
			W	Im Output	W	Im Output	W	Im Output
BK	2700	90	12	1992	17	2622	-	-
	80	-	-	-	-	-	-	-
MA	3000	90	12	2089	17	2749	-	-
	80	12	1835	17	2448	25	3223	-
WH	4000	90	12	2225	17	2929	-	-
	80	12	1927	17	2570	25	3383	-
BK	2700	90	12	1945	17	2560	-	-
	80	-	-	-	-	-	-	-
MA	3000	90	12	2039	17	2684	-	-
	80	12	1792	17	2390	25	3146	-
WH	4000	90	12	2172	17	2929	-	-
	80	12	1881	17	2509	25	3146	-

### KOMBIC DOWNLIGHT 150 WF

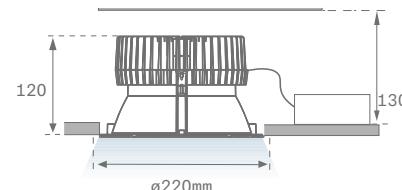
	K	CRI	2000lm		3000lm		3500lm	
			W	Im Output	W	Im Output	W	Im Output
BK	2700	90	12	2002	17	2635	-	-
	80	-	-	-	-	-	-	-
MA	3000	90	12	2099	17	2763	-	-
	80	12	1844	17	2460	25	3239	-
WH	4000	90	12	2236	17	2944	-	-
	80	12	1936	17	2583	25	3400	-
BK	2700	90	12	2014	17	2651	-	-
	80	-	-	-	-	-	-	-
MA	3000	90	12	2112	17	2780	-	-
	80	12	1854	17	2475	25	3259	-
WH	4000	90	12	2250	17	2962	-	-
	80	12	1948	17	2598	25	3420	-
BK	2700	90	12	2014	17	2651	-	-
	80	-	-	-	-	-	-	-
MA	3000	90	12	2112	17	2780	-	-
	80	12	1854	17	2475	25	3259	-
WH	4000	90	12	2250	17	2962	-	-
	80	12	1948	17	2598	25	3420	-

# Kombic Downlight | Indoor

BASIC

## Kombic Downlight 200

Opal



ø 209

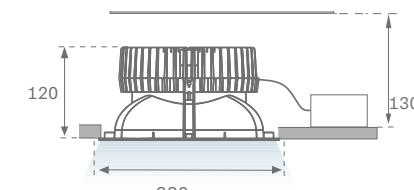
BASIC

## Kombic Downlight 200

Square Opal



FAMILY PRESENTATION



220 x 220

### KOMBIC DOWNLIGHT 200 OPAL

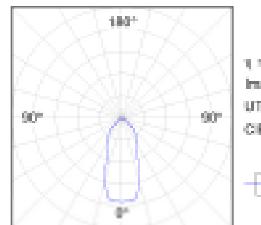
Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
K31	RD Round	30 3000lm	40 IP 44	OP Opal	8 80	30 3000 K	N ON/OFF	R Bright	W White
		40 4000lm				40 4000 K	D DALI	M Matt	
		50 5000lm							
	SQ Square	30 3000lm	40 IP 44	OP Opal	8 80	30 3000 K	N ON/OFF	R Bright	W White
		40 4000lm				40 4000 K	D DALI		
		50 5000lm							
	RD Round	20 2000lm	40 IP 44	OP Opal	9 90	TW Tunable White	D DALI	R Bright	W White
		30 3000lm					M Matt		
K31	RD	30	40	OP	8	30	N	R	W



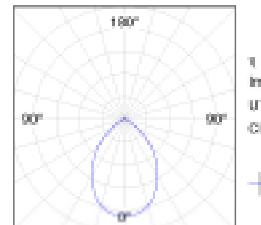
## TECHNICAL CHARACTERISTICS

### Optics

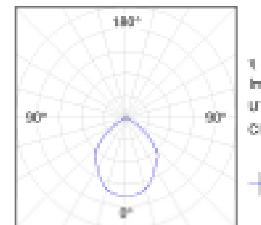
#### RD BRIGHT



#### RD MATT



#### SQ BRIGHT



### Light output and power

#### KOMBIC 200 RD

			3000lm		4000lm		5000lm	
	K	CRI	W	lm Output	W	lm Output	W	lm Output
R	3000	80	17	2065	24	2800	36	3735
	4000	80	17	2171	24	2944	36	4016
MA	3000	80	17	1982	24	2688	36	3576
	4000	80	17	2084	24	2826	36	3845

#### KOMBIC 200 SQ

			3000lm		4000lm		5000lm	
	K	CRI	W	lm Output	W	lm Output	W	lm Output
R	3000	80	17	1522	24	2024	36	3249
	4000	80	17	1602	24	2131	36	3494

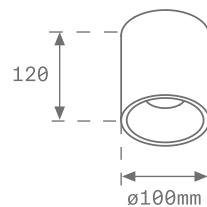
#### KOMBIC 200 TW

			2000lm		3000lm	
	K	CRI	W	lm Output	W	lm Output
R	TW	90	12	1506	18	2161
MA	TW	90	12	1355	18	1989

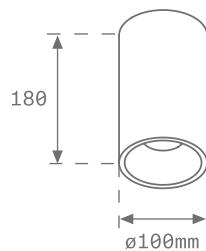


# Kombic Surface

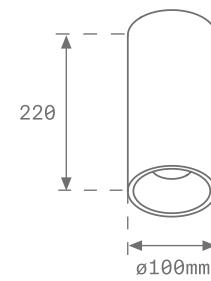
## Kombic Surface 100 Opal ON/OFF 1500/2000



## Kombic Surface 100 Opal DALI 1500/2000



## Kombic Surface 100 Opal TW 1500/2000



### KOMBIC SURFACE 100 OPAL

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
K11	SF Surface	15 1500lm	40 IP 40	OP Opal	9 90	27 2700 K	N ON/OFF	R Bright	W White 02
		20 2000lm				30 3000 K	D DALI	M Metalized Matt	
						40 4000 K		W White	B Black 02
		20 2000lm	40 IP 40	OP Opal	8 80	30 3000 K			
		25 2500lm				40 4000 K			
K11	SF	15	40	OP	9	27	N	R	W

### KOMBIC SURFACE 100 OPAL WELLBEING WB

Family	Installation	Lm LED	IP	Optic	K	Gear	Reflector Finishes	Ext. Finishes
K11	SF Surface	15 1500lm	40 IP 40	OP Opal	WB3 3000 WB	N ON/OFF	R Bright	W White 02
		20 2000lm			WB4 4000 WB	D DALI	M Metalized Matt	B Black 02
							W White	
K11	SF	15	40	OP	WB3	N	R	W

### KOMBIC SURFACE 100 OPAL TW

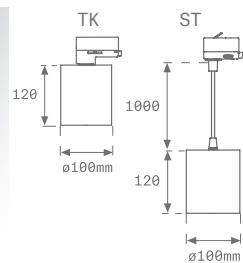
Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
K11	SF Surface	20 2000lm	40 IP 40	OP Opal	9 90	TW Tunable White	D DALI	R Bright	W White 02

K11 SF 20 40 OP 9 TW D R W

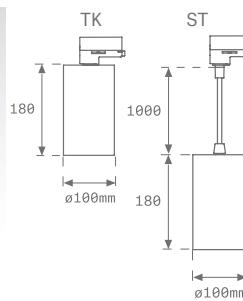




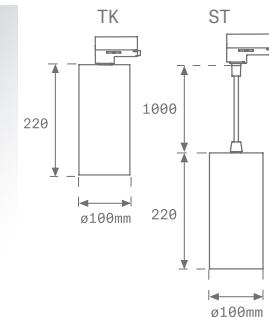
### Kombic Surface 100 Track Opal ON/OFF 1500/2000



### Kombic Surface 100 Track Opal DALI 1500/2000



### Kombic Surface 100 Track Opal TW 1500/2000



#### KOMBIC SURFACE 100 TRACK OPAL

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	TK Track	<b>15</b> 1500lm	<b>40</b> IP 40	<b>OP</b> Opal	<b>9</b> 90	<b>27</b> 2700 K	<b>N</b> ON/OFF	<b>R</b> Bright	<b>W</b> White 02
	ST Sus. Track	<b>20</b> 2000lm				<b>30</b> 3000 K	<b>D</b> DALI	<b>M</b> Metalized Matt	
						<b>40</b> 4000 K		<b>W</b> White	<b>B</b> Black 02
		<b>20</b> 2000lm	<b>40</b> IP 40	<b>OP</b> Opal	<b>8</b> 80	<b>30</b> 3000 K			
		<b>25</b> 2500lm				<b>40</b> 4000 K			
<b>K11</b>	<b>TK</b>	<b>15</b>	<b>40</b>	<b>OP</b>	<b>9</b>	<b>27</b>	<b>N</b>	<b>R</b>	<b>W</b>

#### KOMBIC SURFACE 100 TRACK OPAL WELLBEING

Family	Installation	Lm LED	IP	Optic	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	TK Track	<b>15</b> 1500lm	<b>40</b> IP 40	<b>OP</b> Opal	<b>WB3</b> 3000 WB	<b>N</b> ON/OFF	<b>R</b> Bright	<b>W</b> White 02
	ST Sus. Track	<b>20</b> 2000lm			<b>WB4</b> 4000 WB	<b>D</b> DALI	<b>M</b> Metalized Matt	
							<b>W</b> White	<b>B</b> Black 02
<b>K11</b>	<b>TK</b>	<b>15</b>	<b>40</b>	<b>OP</b>	<b>WB3</b>	<b>N</b>	<b>R</b>	<b>W</b>

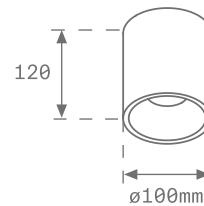
#### KOMBIC SURFACE 100 TRACK OPAL TW

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	TK Track	<b>20</b> 2000lm	<b>40</b> IP 40	<b>OP</b> Opal	<b>9</b> 90	<b>TW</b> Tunable White	<b>D</b> DALI	<b>R</b> Bright	<b>W</b> White 02
	ST Sus. Track							<b>M</b> Metalized Matt	
								<b>W</b> White	<b>B</b> Black 02
<b>K11</b>	<b>TK</b>	<b>20</b>	<b>40</b>	<b>OP</b>	<b>9</b>	<b>TW</b>	<b>D</b>	<b>R</b>	<b>W</b>

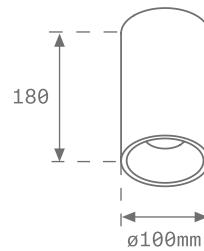
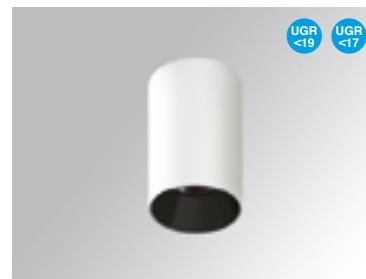


**Kombic Surface 100**

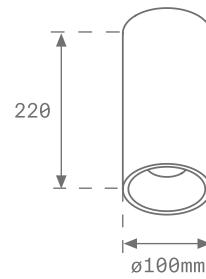
Optic ON/OFF 1500/2000

**Kombic Surface 100**

Optic DALI 1500/2000

**Kombic Surface 100**

OpticTW 1500/2000

**KOMBIC SURFACE 100 OPTIC**

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	SF Surface	<b>15</b> 1500lm	<b>40</b> IP 40	<b>WF</b> Wide Flood 50°	<b>9</b>	<b>90</b>	<b>N</b> ON/OFF	<b>B</b> Black	<b>W</b> White 02
		<b>20</b> 2000lm			<b>30</b>	3000 K	<b>D</b> DALI	<b>M</b> Metalized Matt	<b>B</b> Black 02
					<b>40</b>	4000 K		<b>W</b> White	
		<b>20</b> 2000lm	<b>40</b> IP 40	<b>WF</b> Wide Flood 50°	<b>8</b>	<b>80</b>	<b>N</b>		
		<b>25</b> 2500lm			<b>30</b>	3000 K	<b>B</b>		
					<b>40</b>	4000 K			
<b>K11</b>	<b>SF</b>	<b>15</b>	<b>40</b>	<b>WF</b>	<b>9</b>	<b>27</b>			<b>W</b>



**Kombic Surface 100**

Optic ON/OFF 1500/2000



120  
Ø100mm

**Kombic Surface 100**

Optic DALI 1500/2000



180  
Ø100mm

**Kombic Surface 100**

Optic TW 1500/2000



220  
Ø100mm

**KOMBIC SURFACE 100 OPTIC WELLBEING**

Family	Installation	Lm LED	IP	Optic	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	SF Surface	<b>15</b> 1500lm	<b>40</b> IP 40	<b>WF</b> Wide Flood 50°	<b>WB3</b> 3000 WB	<b>N</b> ON/OFF	<b>B</b> Black	<b>W</b> White 02
		<b>20</b> 2000lm			<b>WB4</b> 4000 WB	<b>D</b> DALI	<b>M</b> Metalized Matt	<b>B</b> Black 02

K11	SF	15	40	WF	WB3	N	B	W
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**KOMBIC SURFACE 100 OPTIC TW**

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	SF Surface	<b>20</b> 2000lm	<b>40</b> IP 40	<b>WF</b> Wide Flood 50°	<b>9</b> 90	<b>TW</b> Tunable White	<b>D</b> DALI	<b>B</b> Black	<b>W</b> White 02

K11	SF	20	40	WF	9	TW	D	B	W
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**Kombic Surface 100**  
Optic ON/OFF 1500/2000

**Kombic Surface 100**  
Optic DALI 1500/2000

**Kombic Surface 100**  
OpticTW 1500/2000
**KOMBIC SURFACE 100 REFLECTOR**

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	SF Surface	<b>15</b> 1500lm	<b>23</b> IP 23	RF Flood	<b>9</b>	<b>90</b> 2700 K	N ON/OFF	B Black	W White 02
	TK Track	<b>20</b> 2000lm		RW Wide Flood		<b>30</b> 3000 K	D DALI	M Metalized Matt	B Black 02
	ST Sus. Track					<b>40</b> 4000 K		W White	
		<b>20</b> 2000lm	<b>23</b> IP 23	RF Flood	<b>8</b>	<b>80</b> 3000 K			
		<b>25</b> 2500lm		RW Wide Flood		<b>40</b> 4000 K			
K11	SF	15	23	RF	9	27	N	B	W



### Kombic Surface 100 Track Optic ON/OFF 1500/2000



### Kombic Surface 100 Track Optic DALI 1500/2000



### Kombic Surface 100 Track Optic TW 1500/2000



#### KOMBIC SURFACE 100 TRACK OPTIC

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	TK Track	<b>15</b> 1500lm	<b>40</b> IP 40	WF	Wide Flood 50°	<b>9</b> 90	<b>27</b> 2700 K	<b>N</b> ON/OFF	<b>W</b> White 02
	ST Sus. Track	<b>20</b> 2000lm				<b>30</b> 3000 K	<b>D</b> DALI	<b>M</b> Metalized Matt	
						<b>40</b> 4000 K		<b>W</b> White	
		<b>20</b> 2000lm	<b>40</b> IP 40	WF	Wide Flood 50°	<b>8</b> 80	<b>30</b> 3000 K		
						<b>40</b> 4000 K			
<b>K11</b>	<b>TK</b>	<b>15</b>	<b>40</b>	<b>WF</b>		<b>9</b>	<b>27</b>	<b>N</b>	<b>W</b>

#### KOMBIC SURFACE 100 TRACK OPTIC WELLBEING

Family	Installation	Lm LED	IP	Optic	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	TK Track	<b>15</b> 1500lm	<b>40</b> IP 40	WF	Wide Flood 50°	<b>WB3</b> 3000 WB	<b>N</b> ON/OFF	<b>W</b> White 02
	ST Sus. Track	<b>20</b> 2000lm				<b>WB4</b> 4000 WB	<b>D</b> DALI	<b>M</b> Metalized Matt
								<b>W</b> White
<b>K11</b>	<b>TK</b>	<b>15</b>	<b>40</b>	<b>WF</b>	<b>WB3</b>		<b>B</b>	<b>W</b>

#### KOMBIC SURFACE 100 TRACK OPTIC TW

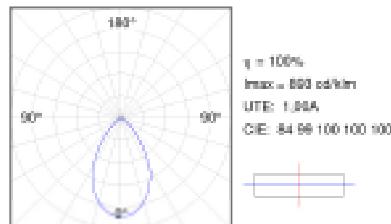
Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K11</b>	TK Track	<b>20</b> 2000lm	<b>40</b> IP 40	WF	Wide Flood 50°	<b>9</b> 90	<b>TW</b> Tunable White	<b>D</b> DALI	<b>W</b> White 02
	ST Sus. Track							<b>M</b> Metalized Matt	<b>B</b> Black 02
								<b>W</b> White	
<b>K11</b>	<b>TK</b>	<b>20</b>	<b>40</b>	<b>WF</b>	<b>9</b>	<b>TW</b>	<b>D</b>	<b>B</b>	<b>W</b>



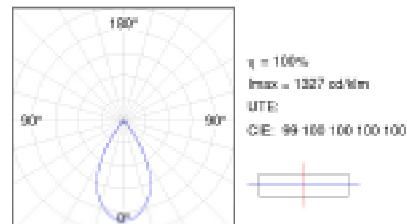
## TECHNICAL CHARACTERISTICS

## Optics

## OPAL



## OPTIC



## Light output and power

## KOMBIC SURFACE 100 OPAL

			1500lm		2000lm		2500lm	
	K	CRI	W	lm Output	W	lm Output	W	lm Output
BR	2700	90	13	1191	19	1598	19	-
	80	-	-	-	13	-	19	-
3000	90	13	1230	19	1648	19	-	
	80	-	-	13	1460	19	1959	
4000	90	13	1336	19	1792	19	-	
	80	-	-	13	1547	19	2075	
MA	2700	90	13	1135	19	1523	19	-
	80	-	-	13	-	19	-	
3000	90	13	1172	19	1571	19	-	
	80	-	-	13	1392	19	1867	
4000	90	13	1273	19	1708	19	-	
	80	-	-	13	1474	19	1978	
WH	2700	90	13	1186	19	1591	19	-
	80	-	-	13	-	19	-	
3000	90	13	1125	19	1642	19	-	
	80	-	-	13	1454	19	1951	
4000	90	13	1330	19	1785	19	-	
	80	-	-	13	1541	19	2067	

## KOMBIC SURFACE 100 OPTIC

			1500lm		2000lm		2500lm	
	K	CRI	W	lm Output	W	lm Output	W	lm Output
BK	2700	90	13	983	19	1312	-	-
	80	-	-	-	-	-	-	-
3000	90	13	1015	19	1354	-	-	
	80	-	-	14	1205	20	1609	
4000	90	13	1102	19	1472	-	-	
	80	-	-	14	1277	20	1704	
MA	2700	90	13	1030	19	1380	-	-
	80	-	-	-	-	-	-	-
3000	90	13	1068	19	1424	-	-	
	80	-	-	14	1268	20	1692	
4000	90	13	1160	19	1548	-	-	
	80	-	-	14	1343	20	1792	
WH	2700	90	13	1040	19	1387	-	-
	80	-	-	-	-	-	-	-
3000	90	13	1074	19	1432	-	-	
	80	-	-	14	1275	20	1701	
4000	90	13	1166	19	1556	-	-	
	80	-	-	14	1351	20	1802	



## TECHNICAL CHARACTERISTICS

Light output and power

## KOMBIC SURFACE 100 OPAL WELLBEING

			1200lm		1800lm	
	K	CRI	W	lm Output	W	lm Output
BR	3000	97	14	925	20	1267
	4000	97	14	991	20	1357
MA	3000	97	14	885	20	1197
	4000	97	14	948	20	1272
WH	3000	97	14	923	20	1271
	4000	97	14	995	20	1361

## KOMBIC SURFACE 100 OPTIC WELLBEING

			1200lm		1800lm	
	K	CRI	W	lm Output	W	lm Output
BK	3000	97	14	795	20	1068
	4000	97	14	851	20	1144
MA	3000	97	14	821	20	1141
	4000	97	14	879	20	1222
WH	3000	97	14	850	20	1148
	4000	97	14	910	20	1230

## KOMBIC DOWNLIGHT 100 REFLECTOR WF

			1500lm		2000lm		2500lm		
	K	CRI	W	lm Output	W	lm Output	W	lm Output	
WF	BK	2700	90	13	1168	19	1568	-	-
		80	-	-	-	-	-	-	
	3000	90	13	1218	19	1636	-	-	
		80	-	-	13	1421	19	1908	
	4000	90	13	1299	19	1744	-	-	
		80	-	-	13	1491	19	2002	
MA	2700	90	13	1264	19	1710	-	-	
		80	-	-	-	-	-	-	
	3000	90	13	1318	19	1784	-	-	
		80	-	-	13	1538	19	2081	
	4000	90	13	1406	19	1902	-	-	
		80	-	-	13	1614	19	2184	
WH	2700	90	13	1264	19	1710	-	-	
		80	-	-	-	-	-	-	
	3000	90	13	1318	19	1784	-	-	
		80	-	-	13	1538	19	2081	
	4000	90	13	1406	19	1902	-	-	
		80	-	-	13	1614	19	2184	

## KOMBIC DOWNLIGHT 100 REFLECTOR FL

			1500lm		2000lm		2500lm		
	K	CRI	W	lm Output	W	lm Output	W	lm Output	
FL	BK	2700	90	13	1273	19	1711	-	-
		80	-	-	-	-	-	-	
	3000	90	13	1328	19	1785	-	-	
		80	-	-	13	1549	19	2082	
	4000	90	13	1416	19	1903	-	-	
		80	-	-	13	1226	19	2185	
MA	2700	90	13	1325	19	1815	-	-	
		80	-	-	-	-	-	-	
	3000	90	13	1382	19	1893	-	-	
		80	-	-	13	1612	19	2208	
	4000	90	13	1474	19	2019	-	-	
		80	-	-	13	1692	19	2318	
WH	2700	90	13	1325	19	1815	-	-	
		80	-	-	-	-	-	-	
	3000	90	13	1382	19	1893	-	-	
		80	-	-	13	1612	19	2208	
	4000	90	13	1474	19	2019	-	-	
		80	-	-	13	1692	19	2318	



## ACCESSORIES

Rigid suspension for electrical connection



Ref.	Color	m
K1SUCARG0500NW	○	0,5
K1SUCARG0500DW	○	0,5
K1SUCARG0500NB	●	0,5
K1SUCARG0500DB	●	0,5
K1SUCARG1000NW	○	1
K1SUCARG1000DW	○	1
K1SUCARG1000NB	●	1
K1SUCARG1000DB	●	1

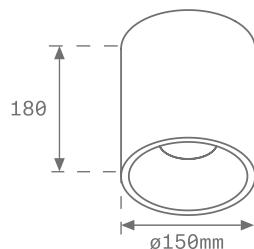
Suspension



Ref.	Color	m
K1SUCAWI2000NW	○	2
K1SUCAWI2000DW	○	2
K1SUCAWI2000NB	●	2
K1SUCAWI2000DB	●	2

**Kombic Surface 150**

Opal

**KOMBIC SURFACE 150 OPAL**

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
K21	SF Surface	20 2000lm	40 IP 40	OP Opal	9 90	27 2700 K	N ON/OFF	R Bright	W White 02
		30 3000lm				30 3000 K	D DALI	M Metalized Matt	
						40 4000 K		W White	B Black 02
		20 2000lm	40 IP 40	OP Opal	8 80	30 3000 K			
		30 3000lm				40 4000 K			
		35 3500lm							
K21	SF	20	40	OP	9	27	N	R	W

**KOMBIC SURFACE 150 OPAL WELLBEING WB**

Family	Installation	Lm LED	IP	Optic	K	Gear	Reflector Finishes	Ext. Finishes
K21	SF Surface	20 2000lm	40 IP 40	OP Opal	WB3 3000 WB	N ON/OFF	R Bright	W White 02
		25 2500lm			WB4 4000 WB	D DALI	M Metalized Matt	B Black 02
							W White	
K21	SF	20	40	OP	WB3	N	R	W

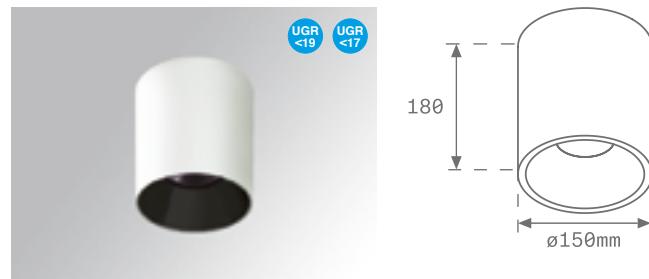
**KOMBIC SURFACE 150 OPAL TW**

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
K21	SF Surface	30 3000lm	40 IP 40	OP Opal	9 90	TW Tunable White	D DALI	R Bright	W White 02
								M Metalized Matt	B Black 02
								W White	
K21	SF	30	40	OP	9	TW	D	R	W



**Kombic Surface 150**

Optic

**KOMBIC 150 OPTIC**

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K21</b>	SF Surface	<b>20</b> 2000lm	<b>40</b> IP 40	<b>WF</b> Wide Flood 50°	<b>9</b> 90	<b>27</b> 2700 K	<b>N</b> ON/OFF	<b>B</b> Black	<b>W</b> White 02
		<b>30</b> 3000lm				<b>30</b> 3000 K	<b>D</b> DALI	<b>M</b> Metalized Matt	<b>B</b> Black 02
						<b>40</b> 4000 K		<b>W</b> White	
		<b>20</b> 2000lm	<b>40</b> IP 40	<b>WF</b> Wide Flood 50°	<b>8</b> 80	<b>30</b> 3000 K			
		<b>30</b> 3000lm				<b>40</b> 4000 K			
		<b>35</b> 3500lm							
<b>K21</b>	<b>SF</b>	<b>20</b>	<b>40</b>	<b>WF</b>	<b>9</b>	<b>27</b>	<b>N</b>	<b>B</b>	<b>W</b>

**KOMBIC SURFACE 150 OPTIC WELLBEING WB**

Family	Installation	Lm LED	IP	Optic	K	Gear	Reflector Finishes	Ext. Finishes
<b>K21</b>	SF Surface	<b>20</b> 2000lm	<b>40</b> IP 40	<b>WF</b> Wide Flood 50°	<b>WB3</b> 3000 WB	<b>N</b> ON/OFF	<b>B</b> Black	<b>W</b> White 02
		<b>25</b> 2500lm			<b>WB4</b> 4000 WB	<b>D</b> DALI	<b>M</b> Metalized Matt	<b>B</b> Black 02
							<b>W</b> White	
<b>K121</b>	<b>SF</b>	<b>20</b>	<b>40</b>	<b>WF</b>	<b>WB3</b>	<b>N</b>	<b>B</b>	<b>W</b>

**KOMBIC SURFACE 150 OPTIC TW**

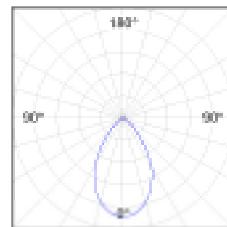
Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K21</b>	SF Surface	<b>30</b> 3000lm	<b>40</b> IP 40	<b>WF</b> Wide Flood 50°	<b>9</b> 90	<b>TW</b> Tunable White	<b>D</b> DALI	<b>B</b> Black	<b>W</b> White 02
								<b>M</b> Metalized Matt	
								<b>W</b> White	<b>B</b> Black 02
<b>K21</b>	<b>SF</b>	<b>30</b>	<b>40</b>	<b>WF</b>	<b>9</b>	<b>TW</b>	<b>D</b>	<b>B</b>	<b>W</b>



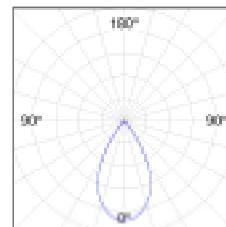


## TECHNICAL CHARACTERISTICS

## Optics

**OP**

$\eta = 100\%$   
 $I_{max} = 883 \text{ cd/lm}$   
 UTE: 1.1mA  
 CIE: 84 98 100 100 100

**WFL 50°**

$\eta = 100\%$   
 $I_{max} = 1327 \text{ cd/lm}$   
 UTE:  
 CIE: 99 108 100 100 100

## Light output and power

**KOMBIC SURFACE 150 OPAL**

	K	CRI	2000lm		3000lm		3500lm	
			W	lm Output	W	lm Output	W	lm Output
BR	2700	90	19,8	-	1675	27,7	2227	-
		80	-	-	-	-	-	-
	3000	90	19,8	1739	27,7	2312	-	-
	80	13,4	1488	19,9	2096	27,7	2788	-
MA	4000	90	19,8	1874	27,7	2492	-	-
		80	13,4	1550	19,9	2184	27,7	2904
	2700	90	19,8	-	1606	27,7	2135	-
		80	-	-	-	-	-	-
WH	3000	90	19,8	1667	27,7	2216	-	-
		80	13,4	1427	19,9	2010	27,7	2673
	4000	90	19,8	1797	27,7	2389	-	-
		80	13,4	1486	19,9	2094	27,7	2784

**KOMBIC SURFACE 150 OPTIC**

	K	CRI	2000lm		3000lm		3500lm	
			W	lm Output	W	lm Output	W	lm Output
BK	2700	90	19,8	-	1289	27,7	1713	-
		80	-	-	-	-	-	-
	3000	90	19,8	1739	27,7	1779	-	-
	80	13,4	1145	19,9	1613	27,7	2145	-
MA	4000	90	19,8	1874	27,7	1917	-	-
		80	13,4	1193	19,9	1680	27,7	2235
	2700	90	19,8	-	1293	27,7	1718	-
		80	-	-	-	-	-	-
WH	3000	90	19,8	1667	27,7	1784	-	-
		80	13,4	1148	19,9	1618	27,7	2151
	4000	90	19,8	1797	27,7	1923	-	-
		80	13,4	1196	19,9	1685	27,7	2241
	2700	90	19,8	-	1332	27,7	1771	-
		80	-	-	-	-	-	-
	3000	90	19,8	1720	27,7	1838	-	-
		80	13,4	1184	19,9	1677	27,7	2217
	4000	90	19,8	1854	27,7	1982	-	-
		80	13,4	1233	19,9	1737	27,7	2310



## TECHNICAL CHARACTERISTICS

Light output and power

## KOMBIC SURFACE 150 OPAL WELLBEING

			2000lm		2500lm	
	K	CRI	W	lm Output	W	lm Output
BR	3000	97	20,8	1340	28	1767
	4000	97	20,8	1476	28	2030
MA	3000	97	20,8	1281	28	1723
	4000	97	20,8	1415	28	1923
WH	3000	97	20,8	1333	28	1785
	4000	97	20,8	1459	28	2011

## KOMBIC SURFACE 150 OPTIC WELLBEING

			2000lm		2500lm	
	K	CRI	W	lm Output	W	lm Output
BK	3000	97	20,8	1167	28	1411
	4000	97	20,8	1284	28	1531
MA	3000	97	20,8	1180	28	1433
	4000	97	20,8	1308	28	1588
WH	3000	97	20,8	1180	28	1460
	4000	97	20,8	1322	28	1586

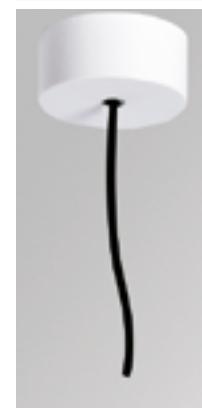
## ACCESSORIES

Rigid suspension for electrical connection



Ref.	Color	m
K2SUCARG0500NW	○	0,5
K2SUCARG0500DW	○	0,5
K2SUCARG0500NB	●	0,5
K2SUCARG0500DB	●	0,5
K2SUCARG1000NW	○	1
K2SUCARG1000DW	○	1
K2SUCARG1000NB	●	1
K2SUCARG1000DB	●	1

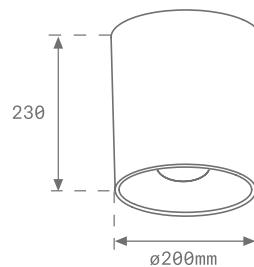
Suspension



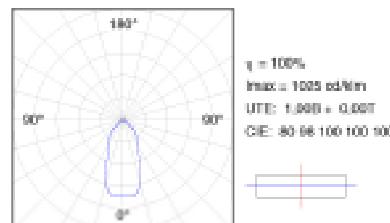
Ref.	Color	m
K2SUCAWI2000NW	○	2
K2SUCAWI2000DW	○	2
K2SUCAWI2000NB	●	2
K2SUCAWI2000DB	●	2

**Kombic Surafce 200**

Opal

**KOMBIC 200 OPAL**

Family	Installation	Lm LED	IP	Optic	CRI	K	Gear	Reflector Finishes	Ext. Finishes
<b>K31</b>	SF Surface	30 3000lm 40 4000lm	20 IP 20	OP Opal	8	30 3000 K 40 4000 K	N ON/OFF	R Bright	W White 02 B Black 02
K31	SF	30	20	OP	8	30	N	R	W

**TECHNICAL CHARACTERISTICS****Optics****OPAL****Light output and power****KOMBIC 200 SURFACE**

	3000lm			4000lm		
	K	CRI	W	Im Output	W	Im Output
OP	3000	80	17	2065	24	2800
	4000	80	17	2171	24	2944





## ACCESSORIES

Two steel cables electromechanical suspension



Ref.	Color	h(m)
SUEM2W3000NW	○	max. 3
SUEM2W3000NG	●	max. 3

Upper decorative cover for suspended model



Ref.	Color
K3SUCOW	○

Electromechanical rigid

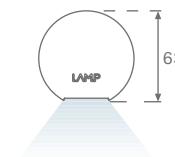
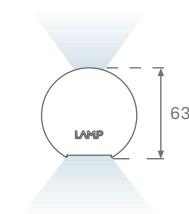


Ref.	Color	h(mm)
SUCARG0100W	○	100
SUCARG0100G	●	100
SUCARG0250W	○	250
SUCARG0250G	●	250
SUCARG0500W	○	500
SUCARG0500G	●	500
SUCARG01000W	●	1000
SUCARG01000G	○	1000



## Lamptub 60


**Lamptub 60**  
Suspended Direct Rec

**Lamptub 60**  
Suspended Direct Sur

**Lamptub 60**  
Suspended Dir/Ind
**LAMPTUB 60 SUSPENDED DIRECT**

Family	Installation	Rose	Format	Lm LED/m	Optic	CRI	K	Gear	Finishes
<b>L61</b>	Suspended	E Recessed S Surface	<b>084</b> 840mm <b>112</b> 1120mm <b>168</b> 1680mm	<b>L0</b> 1500lm <b>M0</b> 3000lm	<b>OP</b> Opal <b>OC</b> Opal Comfort	<b>9</b> 90	<b>27</b> 2700 K <b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF <b>D</b> DALI	<b>W</b> White <b>B</b> Black <b>3</b> Wellbeing <b>4</b> Be Social
<b>L61</b>	Suspended	E Recessed S Surface	<b>084</b> 840mm <b>112</b> 1120mm <b>168</b> 1680mm	<b>M0</b> 2600lm	<b>TE</b> Tech	<b>9</b> 90	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF <b>D</b> DALI	<b>W</b> White <b>B</b> Black <b>3</b> Wellbeing <b>4</b> Be Social
<b>L61</b>	Suspended	E Recessed S Surface	<b>084</b> 840mm <b>112</b> 1120mm <b>168</b> 1680mm	<b>L0</b> 1500lm <b>M0</b> 3000lm	<b>OC</b> Opal Comfort	<b>9</b> 90	<b>TW</b> Tunable White	<b>D</b> DALI	<b>W</b> White <b>B</b> Black <b>3</b> Wellbeing <b>4</b> Be Social
L61	S	E	084	L0	OP	9	27	N	W

**LAMPTUB 60 SUSPENDED DIR/IND**

Family	Installation	Rose	Format	Lm LED/m	Optic	CRI	K	Gear	Finishes
<b>L61</b>	Suspended	E Recessed	<b>084</b> 840mm <b>112</b> 1120mm <b>168</b> 1680mm	<b>L0</b> 1500lm <b>M0</b> 2600lm	<b>I0</b> Dir/Ind Opal <b>IP</b> Dir/Ind Opal Comfort	<b>9</b> 90	<b>27</b> 2700 K <b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF <b>D</b> DALI	<b>W</b> White <b>B</b> Black <b>3</b> Wellbeing <b>4</b> Be Social
<b>L61</b>	Suspended	E Recessed	<b>084</b> 840mm <b>112</b> 1120mm <b>168</b> 1680mm	<b>L0</b> 1500lm <b>M0</b> 2600lm	<b>IP</b> Dir/Ind Opal Comfort	<b>9</b> 90	<b>TW</b> Tunable White	<b>D</b> DALI	<b>W</b> White <b>B</b> Black <b>3</b> Wellbeing <b>4</b> Be Social
L61	S	E	084	L0	I0	9	27	N	W

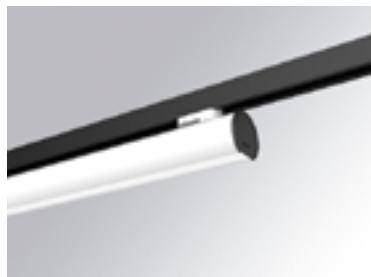




NS

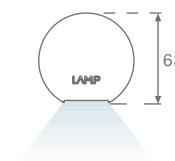
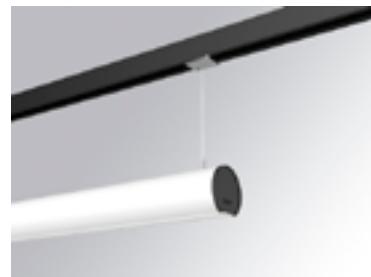
## Lamptub 60

Track Surface



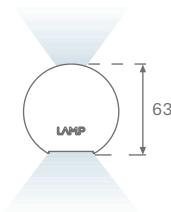
## Lamptub 60

Track Suspended



## Lamptub 60

Track Dir/Ind



### LAMPTUB 60 TRACK DIRECT

L61	TK	Track Surface	084	Lm LED/m		K	N	ON/OFF	W	
				840mm	1500lm					
	ST	Track Suspended	112	840mm	M0	3000lm	OC	Opal Comfort	27	2700 K
			168	1120mm					30	3000 K
			168	1680mm					40	4000 K
<hr/>										
L61	TK	ST	084	M0	TE	Tech	9	90	30	3000 K
									40	4000 K
							N		D	DALI
									W	White
									B	Black
									3	Wellbeing
									4	Be Social

### LAMPTUB 60 TRACK DIR/IND

L61	ST	Track Suspended	084	Lm LED/m		K	N	ON/OFF	W	
				840mm	1500lm					
				112	840mm	I0	Dir/Ind Opal	27	2700 K	
				168	1120mm	M0	Dir/Ind Opal Comfort	30	3000 K	
				168	1680mm			40	4000 K	
<hr/>										
							N		D	DALI
									W	White
									B	Black
									3	Wellbeing
									4	Be Social

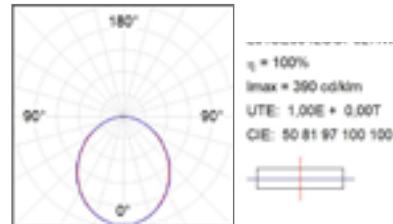




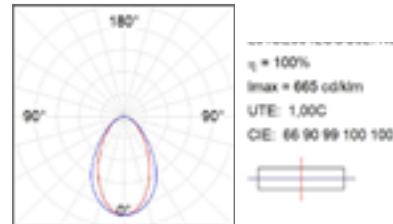
## TECHNICAL CHARACTERISTICS

## Optics

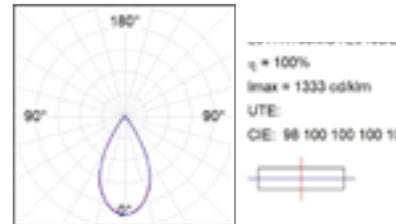
OP



OC



TE



## Light output and power

## Light output and power

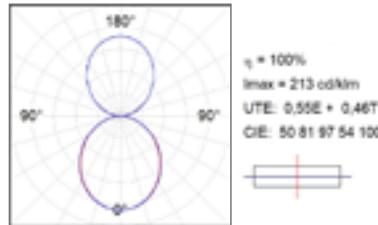
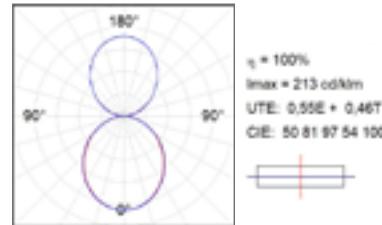
## LAMPTUB 60 DIRECT

	LO	OP	840mm		1120mm		1680mm		
			K	CRI	W	lm Output	W	lm Output	
	OC	2700	90	10	717	12	955	17	1433
		3000	90	10	754	12	1005	17	1508
		4000	90	10	778	12	1038	17	1557
	MO	2700	90	10	663	12	884	17	1327
		3000	90	10	698	12	931	17	1396
		4000	90	10	720	12	961	17	1441
	OC	2700	90	17	1468	25	1957	34	2936
		3000	90	17	1545	25	2060	34	3089
		4000	90	17	1594	25	2126	34	3189
	TE	2700	90	17	1359	25	1912	34	2717
		3000	90	17	1430	25	1906	34	2860
		4000	90	17	1476	25	1968	34	2951
	TE	2700	-	-	-	-	-	-	
		3000	90	11	1260	14	1680	22	2520
		4000	90	11	1320	14	1760	22	2640



## TECHNICAL CHARACTERISTICS

## Optics

**I0****IP**

## Light output and power

**LAMPTUB 60 DIRECT/INDIRECT**

LO	IO	K	CRI	840mm		1120mm		1680mm	
				W	lm Output	W	lm Output	W	lm Output
IP	2700 90	10	600	10	840	17	1320		
		10	717	12	955	17	1433		
		10	632	11	884	17	1389		
	3000 90	10	754	12	1005	17	1508		
		10	652	11	912	17	1433		
		10	778	12	1038	17	1557		
MO	2700 90	10	599	11	840	17	1319		
		10	663	12	884	34	1327		
		10	630	10	883	17	1388		
	3000 90	10	698	12	931	17	1396		
		10	651	10	911	17	1433		
		10	720	12	961	17	1441		
IP	2700 90	10	600	11	841	17	1321		
		17	1468	25	1957	34	2936		
		10	632	11	884	17	1390		
	3000 90	17	1545	25	2060	34	3089		
		10	652	11	913	17	1434		
		17	1594	25	2126	34	3189		
IP	2700 90	10	600	11	839	17	1320		
		17	1359	25	1812	34	2717		
		10	631	11	884	17	1388		
	3000 90	17	1430	25	1906	34	2860		
		10	651	11	912	17	1433		
		17	1476	25	1968	34	2951		



## ACCESSORIES

## End cover



Ref.  
L6SUECB  
L6SUECW  
L6SUECW3  
L6SUECW4

## Color



## Wellbeing Be Social: W4



4050-R90B



1050-B10G



7502-R



2070-Y80R



2011

## Wellbeing Wellbeing: W3



4050-R90B



1505-Y10R



7024



4030-B50G



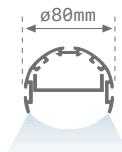
7001



# Lamptub 80



## Lamptub 80



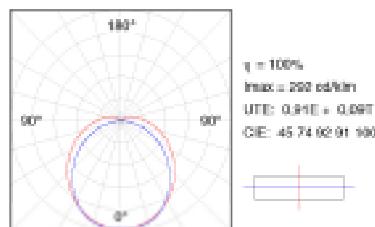
### LAMPTUB 80

Family	Installation	Format	Lm LED/m	Optic	CRI	K	Gear	Finishes
LA1	SF	Surface	120 1162mm 170 1743mm	L0 2320 M0 3928	OP Opal	8 80	30 3000 K 40 4000 K	N ON/OFF W White 02
LA1	SF	170	L0	OP	8	30	N	W

### TECHNICAL CHARACTERISTICS

#### Optics

OP



#### Light output and power

#### LAMPTUB 80

	1162lm			1743lm		
	K	CRI	W	lm Output	W	lm Output
OP	3000	80	24	2402	44	3690
	4000	80	24	2468	44	3793





## ACCESSORIES

Profile and cover (max. 3m)



Ref.	Color
LAPRSUX/MMW	<input type="radio"/>
LACOSUX/MMW	<input type="radio"/>

90° corner joint



Ref.	Color
LASUHCW	<input type="radio"/>



Set of 2 fixings per joint (2 units for each reference)



Ref.
F5J0

Wall bracket joint



Ref.	Color	Lmm
F5FX75W	<input type="radio"/>	75

2 unit/ref.

End cover



Ref.	Color
LASUECW	<input type="radio"/>



Opal difuser



Ref.	Color
LADIX/MMOP	<input type="radio"/>

Wall bracket with cover included (2 units for each reference)



END Ref.	Color	INTERMEDIATE Ref.	Color
LAWASFEDW	<input type="radio"/>	LAWASFIDW	<input type="radio"/>

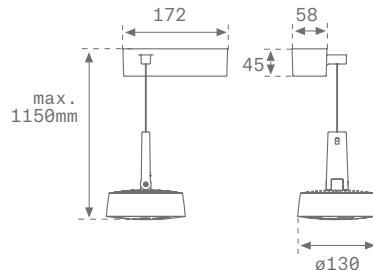
143mm



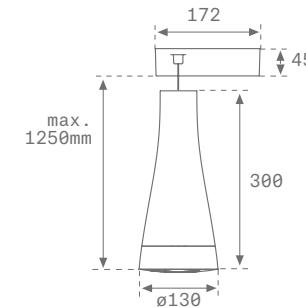
# Maui Downlight



## Maui Downlight



## Maui Downlight Deco



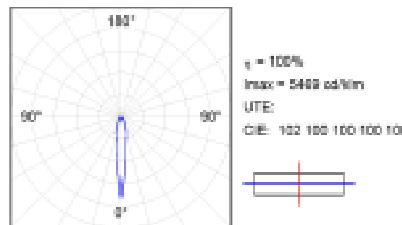
### MAUI DOWNLIGHT

Family	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>MA2</b>	<b>SU</b> Suspended	<b>08</b> 800lm	<b>SP</b> SP 14°-16°	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>B</b> Black 05
		<b>15</b> 1500lm					<b>W</b> White 03
	<b>SD</b> Suspended Deco	<b>08</b> 800lm	<b>SP</b> SP 14°-16°	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>Y</b> Yellow 01
		<b>15</b> 1500lm					<b>R</b> Chrome 01
<b>MA2</b>	<b>SU</b>	<b>08</b>	<b>SP</b>	<b>8</b>	<b>30</b>	<b>N</b>	<b>B</b>

### TECHNICAL CHARACTERISTICS

#### Optics

#### SP 14°



#### Light output and power

#### MAUI DOWNLIGHT

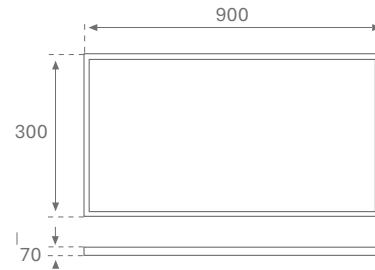
	800lm			1500lm		
	K	CRI	W	Im Output	W	Im Output
SP 14°-16°	3000	80	10	540	19	867





# Modular Light Air Modular

## Modular Light Air



### MODULAR LIGHT AIR

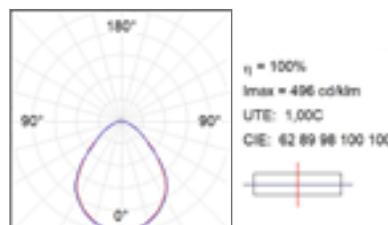
Family	Format	Lm LED	IP	Optic	CRI	K	Gear	Finishes
<b>MI1</b>	<b>090 90x30</b>	<b>34</b> 3400lm	<b>20</b> IP20	<b>PR</b> Prismatic	<b>9</b> 90	<b>40</b> 4000 K	<b>N</b> ON/OFF <b>D</b> DALI	<b>W</b> White 04
MI1	090	34	20	PR	9	40	N	W

Consult available dimensions for integration in different ceiling formats, and add the different ceilings P.343

### TECHNICAL CHARACTERISTICS

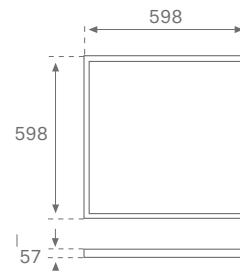
#### Optics

##### PR





## Modular

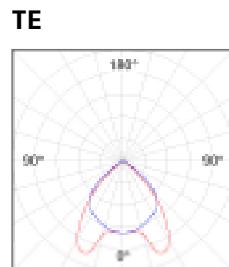


### MODULAR SLIM LED

Family	Format	Lm LED	IP	Optic	CRI	K	Gear	Finishes
ML2	060 600x600	40 4000lm	20 IP20	TE Tech	8 80	30 3000 K 40 4000 K	N ON/OFF	W White 04
ML2	060	40	20	TE	8	30	N	W

## TECHNICAL CHARACTERISTICS

### Optics



### Light output and power

#### MODULAR SLIM LED

600x600			
	K	CRI	W
TE	3000	80	35
	4000	80	35

Im Output: 3590, 3790





## ACCESSORIES

3, 4, 5 and 6 ceiling anchoring system  
(4 units per reference, not included on the luminaire)



Ref.

MLREFX

Color



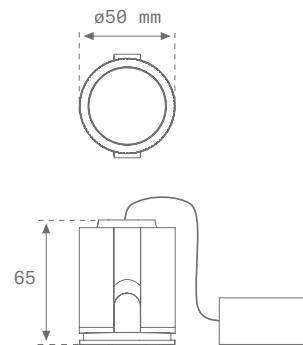
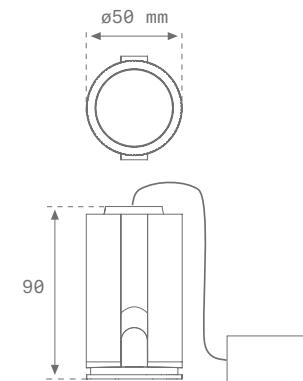
Possible ceiling types for this luminaire

1	2	3	4	5	6	7

Exposed "T" Lay-in      Exposed "T" Lay-in with recessed tile      Exposed "T" with adjustable side supports      Plaster ceiling with adjustable side supports      Concealed "T" with adjustable side supports      Snap "T" with adjustable side supports      Open cell or special ceilings with suspension assemblies



# Moody

**Moody**  
Core 800

**Moody**  
Core 1700
**MOODY**

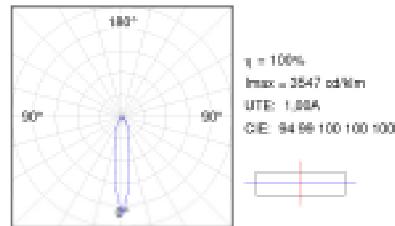
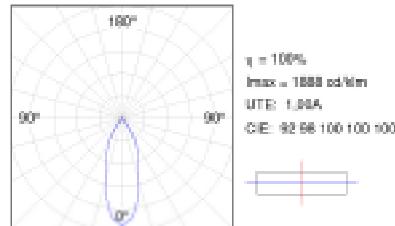
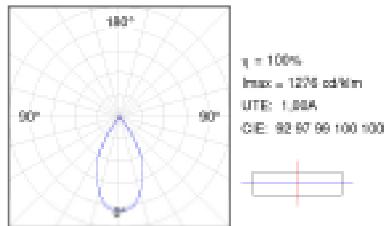
Family	Lm LED	Optic	CRI	K	Gear	Finishes
<b>M02</b>	<b>08</b> 800lm	<b>SP</b> SP 17°	<b>9</b> 90	<b>27</b> 2700 K	<b>T</b> TRIAC	<b>B</b> Black 07
	<b>15</b> 1700lm	<b>FL</b> FL 36°		<b>30</b> 3000 K	<b>D</b> DALI	
		<b>WF</b> WFL 55°	<b>8</b> 80	<b>40</b> 4000 K		
M02	08	SP	9	27	T	B





## TECHNICAL CHARACTERISTICS

## Optics

**SP 18°****FL 36°****WFL 55°**

## Light output and power

**MOODY**

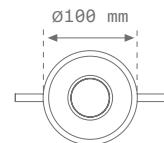
	800lm				1500lm			
	K	CRI	W	lm Output	W	lm Output	W	lm Output
SP 17°	2700	90	5	435	12	927		
	3000	80	5	533	12	1137		
	4000	80	5	565	12	1201		
FL 36°	2700	90	5	435	12	927		
	3000	80	5	533	12	1137		
	4000	80	5	565	12	1201		
WFL 55°	2700	90	5	435	12	927		
	3000	80	5	533	12	1137		
	4000	80	4	565	12	1201		

## REFLECTOR

## Moody fixed round reflector



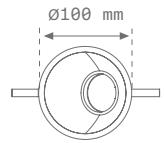
Ref.	Color	Pict.
MORFRD100FXB	●	
MORFRD100FXC	■	
MORFRD100FXM	○	
MORFRD100FXW	□	



## Moody adjustable round reflector



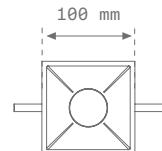
Ref.	Color	Pict.
MORFRD100ADB	●	
MORFRD100ADC	■	
MORFRD100ADM	○	
MORFRD100ADW	□	



## Moody fixed square reflector



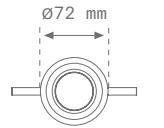
Ref.	Color	Pict.
MORFSQ100FXB	●	
MORFSQ100FXC	■	
MORFSQ100FXM	○	
MORFSQ100FXW	□	



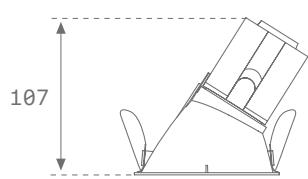
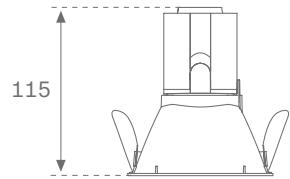
## Moody mini reflector



Ref.	Color	Pict.
MORFRD072FXB	●	
MORFRD072FXC	■	
MORFRD072FXM	○	
MORFRD072FXW	□	

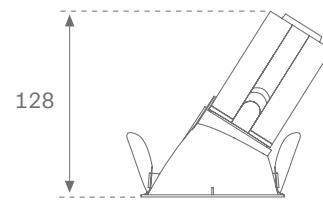
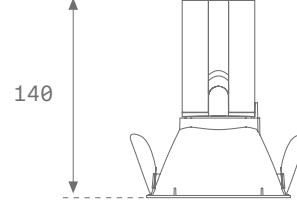


## Moody Core 800 with recessed reflector

MO208SP927TB +  
MORFRD100ASBMO208SP927TB +  
MORFRD100FXB

Ref.	Color
MORFRD100FX55B	●
MORFRD100FX55W	□

## Moody Core 1700 with recessed reflector

MO215SP927TB +  
MORFRD100ASBMO215SP927TB +  
MORFRD100FXB



## ACCESSORIES

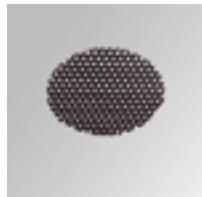
Transparent diffuser



Ref.  
**MOTRIP44**

Pict.  
IP  
44

Anti-glare honeycomb grille



Ref.  
**MOHOB**

Refractor for elliptical distribution of luminous flux



Ref.  
**MOEL**

Pict.  
IP  
44

Buffer



Ref.  
**MOCUFL**  
**MOCUMF**

Pict.  
IP  
44

**MOCUVWF**

-

Bulb socket adapter

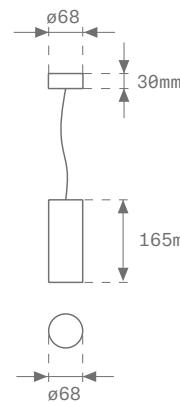


Ref.  
**MOADGU10**  
**MOADGU53**

Pict.  
GU10  
PAR51 LED  
GU 5,3  
MR16 LED



## Moody Pendular



### MOODY PENDULAR

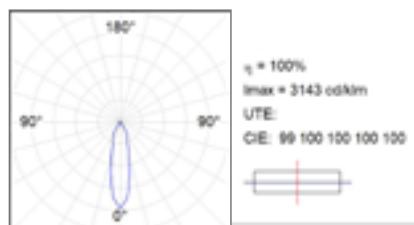
Family	Installation	Lm LED	Optic	CRI	K	Gear	Int. Finishes	Ext. Finishes
M02	SU Suspended	20 1800lm	MF MFL 25° FL FL 34°	8 80	27 2700 K 30 3000 K 40 4000 K	N ON/OFF	B Black	W White B Black

M02 SU 20 MF 8 27 N B W

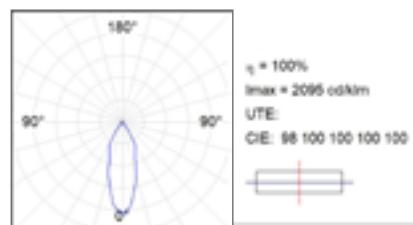
### TECHNICAL CHARACTERISTICS

#### Optics

##### MFL 25°



##### FL 34°



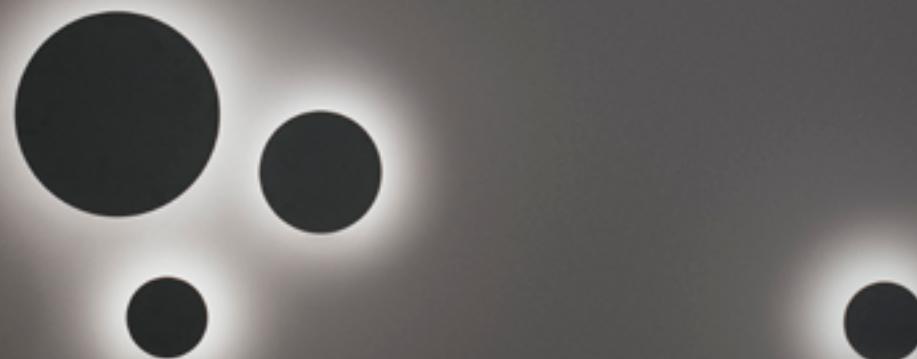
#### Light output and power

##### MOODY PENDULAR

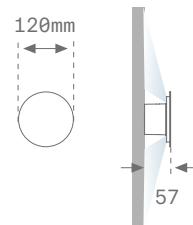
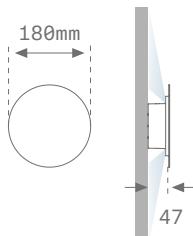
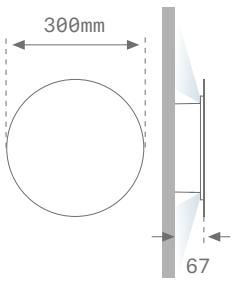
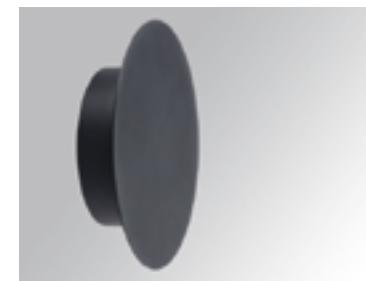
1800lm			
	K	CRI	W
MFL	2700	80	18
25°	3000	80	18
	4000	80	18
FL	2700	80	18
34°	3000	80	18
	4000	80	18

Im Output





## Mun Dark

**Mun Dark**  
120

**Mun Dark**  
180

**Mun Dark**  
300
**MUN DARK 120**

Family	Format	Installation	Lm LED	IP	CRI	K	Gear	Finishes
<b>MD1</b>	<b>120</b> 120mm	SF Surface	<b>01</b> 100lm	<b>20</b> 20	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF	<b>W</b> White 05 <b>B</b> Black 05
MD1	120	SF	01	20	8	30	N	W

**MUN DARK 180**

Family	Format	Installation	Lm LED	IP	CRI	K	Gear	Finishes
<b>MD1</b>	<b>180</b> 180mm	SF Surface	<b>01</b> 150lm	<b>20</b> 20	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF	<b>W</b> White 05 <b>B</b> Black 05
MD1	180	SF	01	20	8	30	N	W

**MUN DARK 300**

Family	Format	Installation	Lm LED	IP	CRI	K	Gear	Finishes
<b>MD1</b>	<b>300</b> 300mm	SF Surface	<b>01</b> 300lm	<b>20</b> 20	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF	<b>W</b> White 05 <b>B</b> Black 05
MD1	300	SF	01	20	8	30	N	W

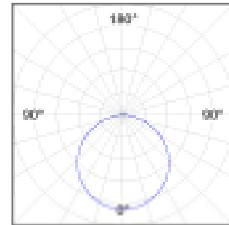




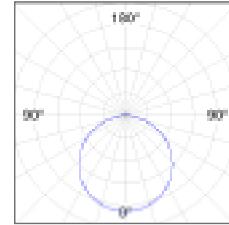
## TECHNICAL CHARACTERISTICS

## Optics

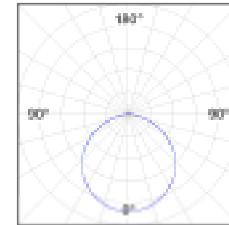
MUN DARK 120



MUN DARK 180



MUN DARK 300



## Light output and power

MUN DARK 120

100lm				
Color	K	CRI	W	lm Output
W	3000	80	1	30
B	4000	80	1	30

MUN DARK 180

150lm				
Color	K	CRI	W	lm Output
W	3000	80	1	45
B	4000	80	1	45

MUN DARK 300

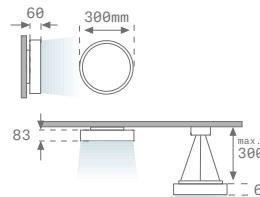
300lm				
Color	K	CRI	W	lm Output
W	3000	80	3	90
B	4000	80	3	90



# Mun Light



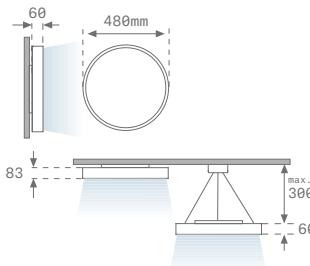
## Mun Light 300



### MUN LIGHT 300

Family	Format	Installation	Lm LED	CRI	K	Gear	Finishes
ML1	300 300mm	SF Surface	10 1000lm	8	80	30 3000 K	W White 05
		SU Suspended	30 3000lm			40 4000 K	B Black 05
ML1	300	SF	10	8	30	N	W

## Mun Light 480

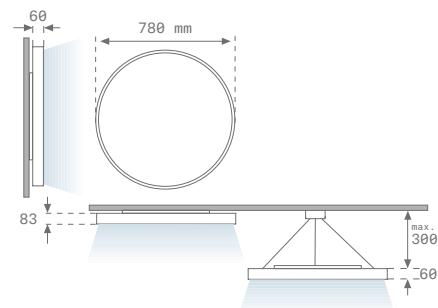


### MUN LIGHT 480

Family	Format	Installation	Lm LED	CRI	K	Gear	Finishes
ML1	480 480mm	SF Surface	25 2500lm	8	80	30 3000 K	W White 05
		SU Suspended	40 4000lm			40 4000 K	B Black 05
ML1	480	SF	25	8	30	N	W

### MUN LIGHT 780

Family	Format	Installation	Lm LED	CRI	K	Gear	Finishes
ML1	780 780mm	SF Surface	65 6700lm	8	80	30 3000 K	W White 05
		SU Suspended				40 4000 K	B Black 05
ML1	780	SF	65	8	30	N	W



● Composition models (equivalent luminance)

● Composition models (equivalent luminance)

● Composition models (equivalent luminance)

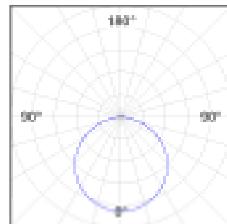




## TECHNICAL CHARACTERISTICS

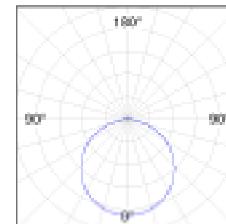
## Optics

MUN LIGHT 300



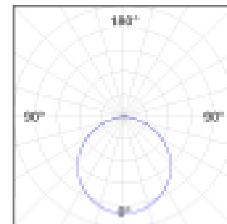
$\eta = 100\%$   
 $I_{max} = 343 \text{ cd/lm}$   
 UTE:  $1.00E + 0.00T$   
 CIE: 47.79 96 100 100

MUN LIGHT 480



$\eta = 100\%$   
 $I_{max} = 342 \text{ cd/lm}$   
 UTE:  $1.00E + 0.00T$   
 CIE: 47.79 96 100 100

MUN LIGHT 780



$\eta = 100\%$   
 $I_{max} = 351 \text{ cd/lm}$   
 UTE:  $1.00E + 0.00T$   
 CIE: 47.79 96 100 100

## Light output and power

MUN LIGHT 300

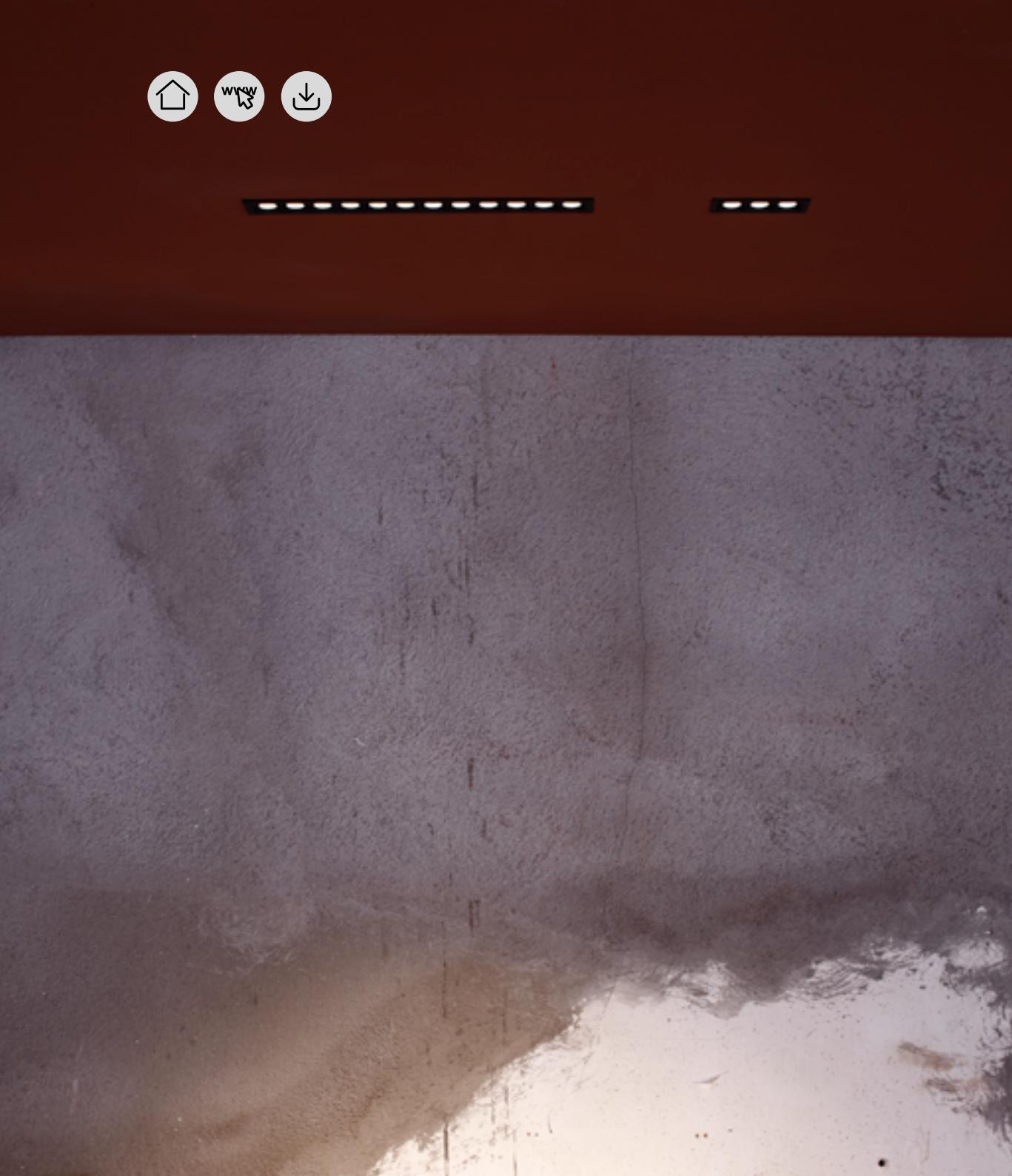
Color	K	CRI	1000lm		3000lm	
			W	Im Output	W	Im Output
W	3000	80	8	761	22	1613
	4000	80	8	761	22	1613
B	3000	80	8	716	22	1492
	4000	80	8	716	22	1492

MUN LIGHT 480

Color	K	CRI	2500lm		4000lm	
			W	Im Output	W	Im Output
W	3000	80	20	2311	59	4576
	4000	80	20	2311	59	4576
B	3000	80	20	2181	59	4317
	4000	80	20	2181	59	4317

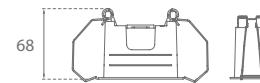
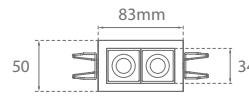
MUN LIGHT 780

Color	K	CRI	6700lm	
			W	Im Output
W	3000	80	60	6994
	4000	80	60	6994
B	3000	80	60	6602
	4000	80	60	6602

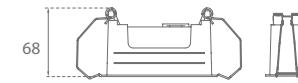
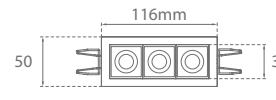


# Ocult Downlight

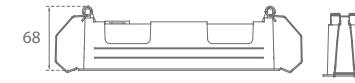
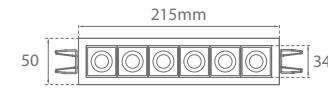
### Ocult Downlight Recessed 2 Modules



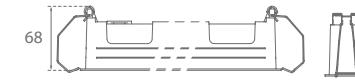
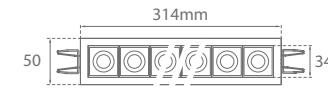
### Ocult Downlight Recessed 3 Modules



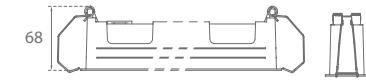
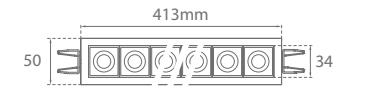
### Ocult Downlight Recessed 6 Modules



### Ocult Downlight Recessed 9 Modules



### Ocult Downlight Recessed 12 Modules



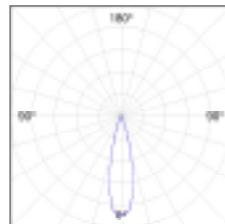
#### OCULT RECESSED

Family	Installation	Modules	Lm LED	Optic	CRI	K	Gear	Finishes Int.	Finishes Ext.
<b>OD1</b>	<b>RE</b>	<b>2</b>	<b>04</b> 400lm	<b>MF</b> MFL 24°	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>B</b> Black 03	<b>B</b> Black 03
		<b>3</b>	<b>06</b> 600lm	<b>WF</b> WFL 48°		<b>40</b> 4000 K	<b>D</b> DALI		<b>W</b> White 03
		<b>6</b>	<b>12</b> 1200lm						
		<b>9</b>	<b>18</b> 1800lm						
		<b>12</b>	<b>22</b> 2400lm						
<b>OD1</b>	<b>RE</b>	<b>2</b>	<b>04</b>	<b>MF</b>	<b>8</b>	<b>30</b>	<b>N</b>	<b>B</b>	<b>B</b>

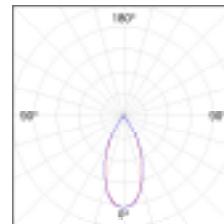


## TECHNICAL CHARACTERISTICS

## Optics

**MFL 24°**

**UGR <10**  
For 4H, 8H 70/ 50 /20

**WFL 48°**

**UGR <19**  
For 4H, 8H 70/ 50 /20

## Dimensional data

XxY	2 Modules	3 Modules	6 Modules	9 Modules	12 Modules
43x74	43x107	43x207	43x307	43x407	



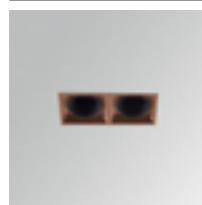
## Light output and power

**OCCULT DOWNLIGHT**

	K	CRI	2 Modules		3 Modules		6 Modules		9 Modules		12 Modules	
			W	lm Output	W	lm Output						
MFL	3000	80	4	360	6	540	12	1080	18	1620	24	2160
24°	4000	80	4	360	6	540	12	1080	18	1620	24	2160
WFL	3000	80	4	366	6	549	12	1098	18	1647	24	2196
48°	4000	80	4	366	6	549	12	1098	18	1647	24	2196

## ACCESSORIES

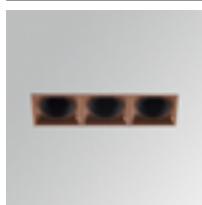
## Reflector (2 modules)



**Ref.**  
**ODRF2C**  
**ODRF2M**  
**ODRF2W**

**Color**

## Reflector (3,6,9,12 modules)



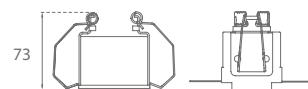
**Ref.**  
**ODRF3C**  
**ODRF3M**  
**ODRF3W**

**Color**

### Ocult Downlight Trimless 2 Modules



66mm  
34



### Ocult Downlight Trimless 3 Modules



99mm  
34



### Ocult Downlight Trimless 6 Modules



198mm  
34



### Ocult Downlight Trimless 9 Modules



396mm  
34



### Ocult Downlight Trimless 12 Modules



297mm  
34



#### OCCULT TRIMLESS

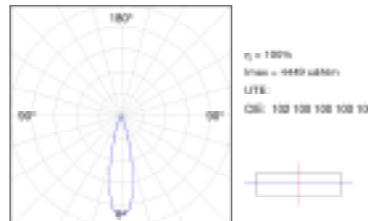
Family	Installation	Modules	Lm LED	Optic	CRI	K	Gear	Finishes Int.
<b>OD1</b>	TR Trimless	<b>2</b>	<b>04</b> 400lm	MF MFL 24°	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>B</b> Black 03
		<b>3</b>	<b>06</b> 600lm	WF WFL 48°		<b>40</b> 4000 K	<b>D</b> DALI	
		<b>6</b>	<b>12</b> 1200lm					
		<b>9</b>	<b>18</b> 1800lm					
		<b>12</b>	<b>22</b> 2400lm					
OD1	TR	2	04	MF	8	30	N	B



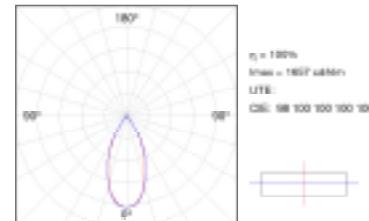


## TECHNICAL CHARACTERISTICS

## Optics

**MFL 24°**

**UGR <10**  
For 4H, 8H 70/ 50 /20

**WFL 48°**

**UGR <19**  
For 4H, 8H 70/ 50 /20

## Dimensional data

XxY	2 Modules	3 Modules	6 Modules	9 Modules	12 Modules
	55x74	55x107	55x207	55x307	55x407



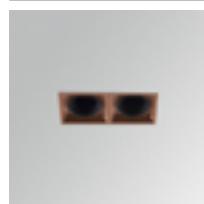
## Light output and power

**OCULT DOWNLIGHT**

	2 Modules		3 Modules		6 Modules		9 Modules		12 Modules	
	K	CRI	W	lm Output	W	lm Output	W	lm Output	W	lm Output
MFL 24°	3000	80	4	360	6	540	12	1080	18	1620
	4000	80	4	360	6	540	12	1080	18	1620
WFL 48°	3000	80	4	366	6	549	12	1098	18	1647
	4000	80	4	366	6	549	12	1098	18	1647

## ACCESSORIES

## Reflector (2 modules)



**Ref.**  
**ODRF2C**  
**ODRF2M**  
**ODRF2W**

**Color**

## Reflector (3,6,9,12 modules)



**Ref.**  
**ODRF3C**  
**ODRF3M**  
**ODRF3W**

**Color**



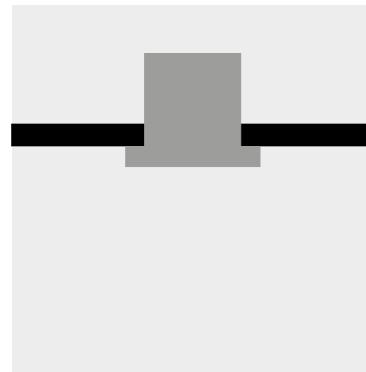
# Ocult System

## Configuration

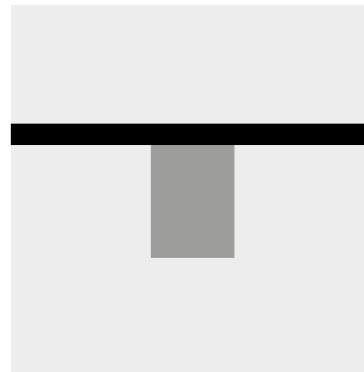


Web configurator

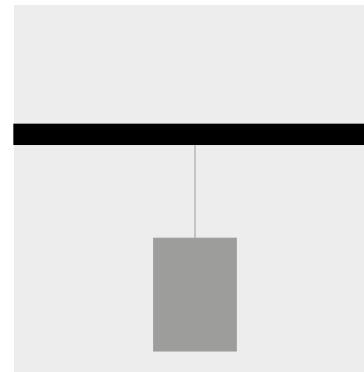
## 1. Installation



Recessed



Surface



Suspended

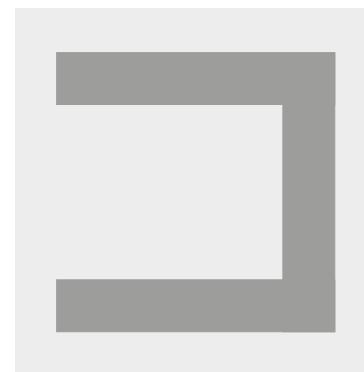
## 2. Format



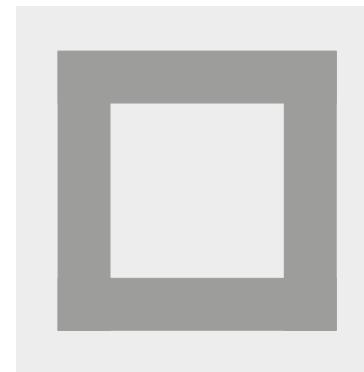
Linear



Corner



U Format



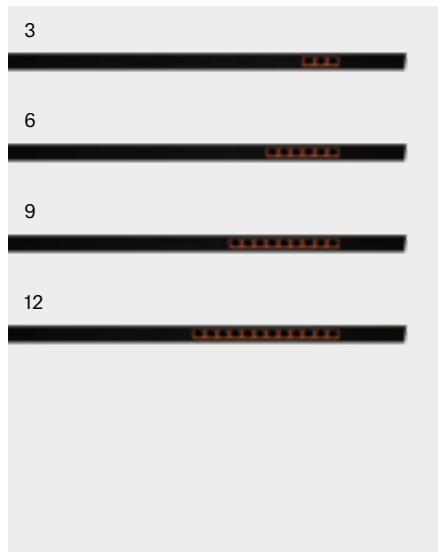
Square



Customizable



### 3. Light Modules



Downlight

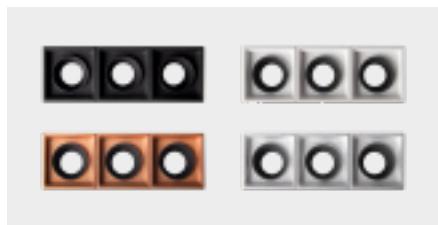


Spotlight

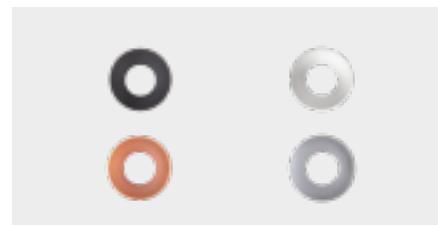


Pendular

### 4. Accessories



Downlight



Spotlight

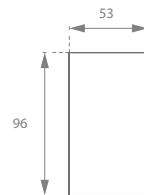
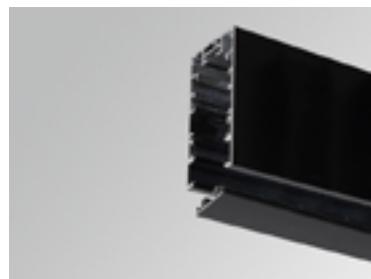
### 5. Solution





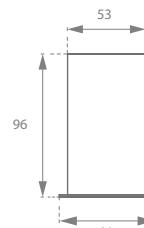
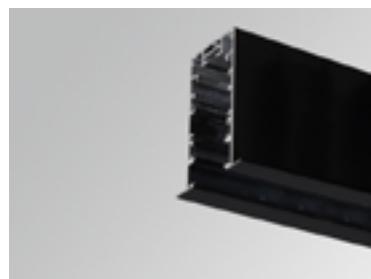
## Ocult System

### Surface Profile



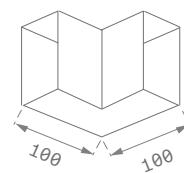
## Ocult System

### Recessed Profile



## Ocult System

### Corner



### OCULT SYSTEM PROFILE

Family <b>OS</b>	Installation		Typology <b>PR</b>	Lengths		Finishes
	<b>SU</b> Surface	<b>RE</b> Recessed		<b>500</b>	500mm	
<b>600</b>			<b>Profile</b>	<b>600</b>	600mm	<b>B</b> Black 02
<b>700</b>				<b>700</b>	700mm	<b>W</b> White 02
<b>800</b>				<b>800</b>	800mm	
<b>900</b>				<b>900</b>	900mm	
<b>1000</b>				<b>1000</b>	1000mm	
<b>1100</b>				<b>1100</b>	1100mm	
<b>1200</b>				<b>1200</b>	1200mm	
<b>1300</b>				<b>1300</b>	1300mm	
<b>1400</b>				<b>1400</b>	1400mm	
<b>1500</b>				<b>1500</b>	1500mm	
<b>1600</b>				<b>1600</b>	1600mm	
<b>1700</b>				<b>1700</b>	1700mm	
<b>1800</b>				<b>1800</b>	1800mm	
<b>1900</b>				<b>1900</b>	1900mm	
<b>2000</b>				<b>2000</b>	2000mm	

<b>OS</b>	<b>CO</b>	Cover	<b>200</b>	200mm	<b>B</b>	Black 02
			<b>300</b>	300mm	<b>W</b>	White 02
<b>OS</b>	<b>400</b>		<b>400</b>	400mm		
			<b>500</b>	500mm		
<b>OS</b>	<b>600</b>		<b>600</b>	600mm		
			<b>700</b>	700mm		
<b>OS</b>	<b>800</b>		<b>800</b>	800mm		
			<b>900</b>	900mm		
<b>OS</b>	<b>1000</b>		<b>1000</b>	1000mm		

<b>OS</b>	<b>SU</b>	Surface	<b>CR</b>	Corner ●	<b>100</b>	100x100mm	<b>B</b>	Black 02
					<b>W</b>	White 02		

<b>OS</b>	<b>SU</b>	Surface	<b>EC</b>	End Cover	<b>B</b>	Black 02
					<b>W</b>	White 02

<b>OS</b>	<b>J0</b> Junction		<b>B</b>

PR 500 B

● Cover and junction accessories included





## Ocult System

### Connectors



#### OCULT SYSTEM CONNECTORS

Family	Typology	Lengths		Gear
OS	CTAI	Connector	100	200
			100mm	N ON/OFF
			200mm	D DALI
			300mm	
			400mm	
			500mm	
			600mm	
			700mm	
			800mm	
			900mm	
			1000mm	
			1100mm	
			1200mm	
			1300mm	
			1400mm	
			1500mm	

OS CTAI 100 N

#### Height-adjustable steel cable



Ref.

SUWIDE1000G  
SUWIDE4000G

Color

1000  
4000

h (mm)

#### Direct fixing

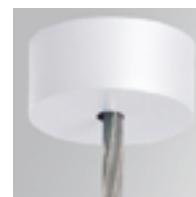


Ref.

SFRG41G  
SFRG41W

Color

#### Decorative ceiling rose for electrical connection

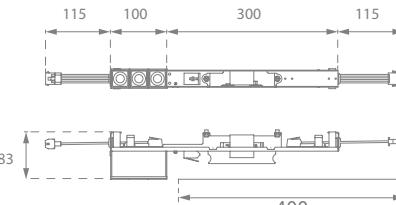


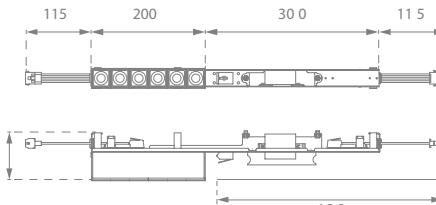
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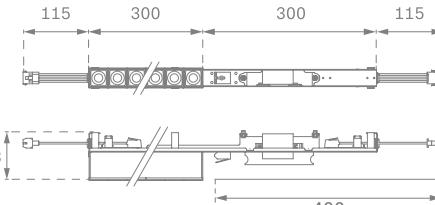
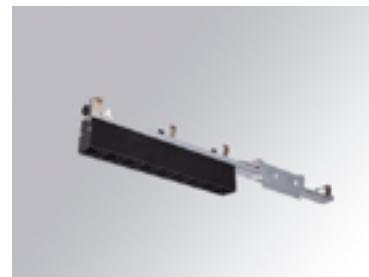
SUCA4000NW  
SUCA4000DW

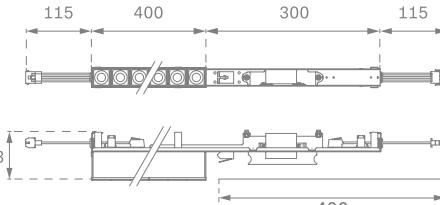
Color

Transparent cable 4m (3x1,5mm) included.  
 Transparent cable 4m (5x1,5mm) included. For regulation.

**Ocult System Downlight**  
 3 Modules 600lm

 Min. 400mm cover  
 \* Cover not included

**Ocult System Downlight**  
 6 Modules 600lm

 Min. 400mm cover  
 \* Cover not included

**Ocult System Downlight**  
 9 Modules 600lm

 Min. 400mm cover  
 \* Cover not included

**Ocult System Downlight**  
 12 Modules 600lm

 Min. 400mm cover  
 \* Cover not included

**OCULT SYSTEM DOWNLIGHT**

Family	Typology	Modules	Lm LED	Optic	CRI	K	Gear	Finishes
<b>OS1</b>	<b>D0</b>	<b>Downlight</b>	<b>3</b>	<b>06</b> 600lm	<b>MF</b> MFL 24°	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF
			<b>6</b>	<b>12</b> 1200lm	<b>WF</b> WFL 48°		<b>40</b> 4000 K	<b>D</b> DALI
			<b>9</b>	<b>18</b> 1800lm				
			<b>12</b>	<b>22</b> 2400lm				

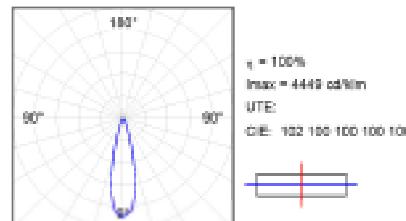
OS1 D0 3 06 MF 8 30 N B



## TECHNICAL CHARACTERISTICS

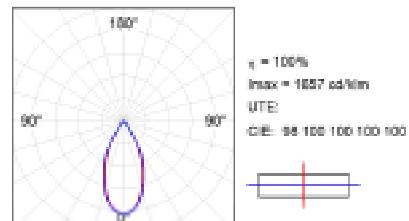
## Optics

## MFL 24°



UGR <19  
 For 4H, 8H 70/ 50 /20

## WFL 48°



UGR <19  
 For 4H, 8H 70/ 50 /20

## Light output and power

## OCULT SYSTEM DOWNLIGHT

	3 MODULES		6 MODULES		9 MODULES		12 MODULES	
	600lm		1200lm		1800lm		2400lm	
	K	CRI	W	lm Output	W	lm Output	W	lm Output
MFL 24°	3000 4000	80 80	6 6	540 540	12 12	1080 1080	18 18	1620 1620
WFL 48°	3000 4000	80 80	6 6	549 549	12 12	1098 1098	18 18	1647 1647
							24	2160 2160
							24	2196 2196

## ACCESSORIES

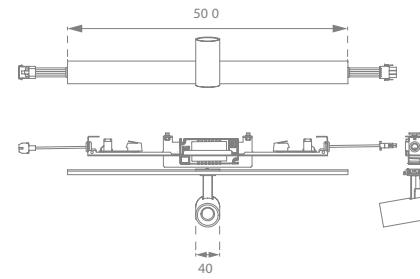
## Reflector (3, 6, 9, 12 modules)



Ref.	Color
ODRF3W	○
ODRF3C	●
ODRF3M	■

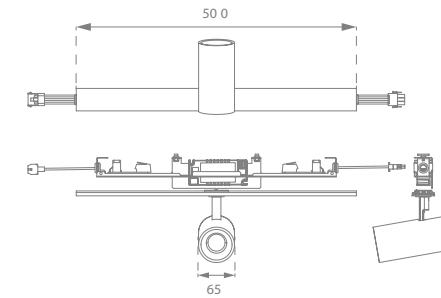
## Ocult System

Spotlight 500lm



## Ocult System

Spotlight 1000lm



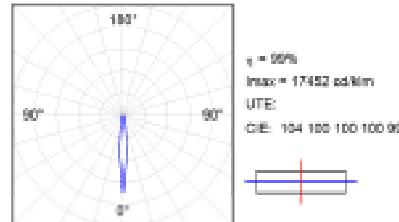
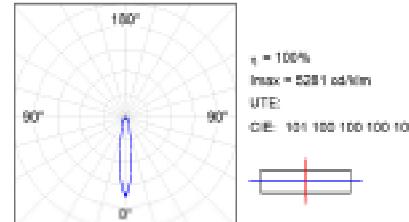
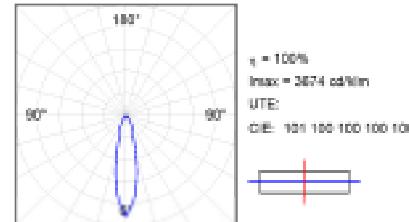
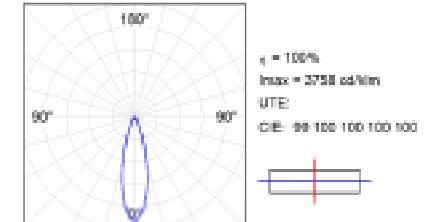
### OCULT SYSTEM SPOTLIGHT

Family	Typology	Lm LED	Optic	CRI	K	Gear	Acc. Finishes	Finishes
<b>OS1</b>	<b>SP</b> Spotlight	<b>05</b> 500lm	<b>SP</b> SP 13° <b>MF</b> MFL 19° <b>FL</b> FL 26°	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF <b>D</b> DALI	<b>B</b> Black	<b>B</b> Black 02 <b>W</b> White 05
<b>OS1</b>	<b>SP</b> Spotlight	<b>10</b> 1000lm	<b>SS</b> SSP 10°	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF <b>D</b> DALI	<b>B</b> Black	<b>B</b> Black 02 <b>W</b> White 05
<b>OS1</b>	<b>SP</b> Spotlight	<b>10</b> 1000lm	<b>SP</b> SP 17° <b>MF</b> MFL 23° <b>FL</b> FL 37°	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF <b>D</b> DALI	<b>B</b> Black	<b>B</b> Black 02 <b>W</b> White 05
OS1	SP	05	SP	8	30	N	B	B



## TECHNICAL CHARACTERISTICS

## Optics

**SSP 10°****SP 13°-17°****MFL 19-23°****FL 26-37°**

## Light output and power

**OCULT SYSTEM SPOTLIGHT****500lm**

	K	CRI	W	lm Output
SP 13°	3000	80	4	314
	4000	80	4	339
MFL 19°	3000	80	4	330
	4000	80	4	356
FL 26°	3000	80	4	324
	4000	80	4	349

**1000lm**

	K	CRI	W	lm Output
SS 10°	3000	80	7	498
	4000	80	7	537
SP 17°	3000	80	7	670
	4000	80	7	710
MFL 23°	3000	80	7	699
	4000	80	7	740
FL 37°	3000	80	7	637
	4000	80	7	675



## ACCESSORIES

## Transparent diffuser



Lm LED	Ref.
500	<a href="#">HSTR25</a>
1000/2000	<a href="#">HSTR50</a>

## Soft Lens



Lm LED	Ref.
500	<a href="#">HSSL25</a>
1000/2000	<a href="#">HSSL50</a>

## Refractor for elliptical distribution of luminous flux



Lm LED	Ref.
500	<a href="#">HSEL25</a>
1000/2000	<a href="#">HSEL50</a>

## Anti-glare honeycomb grille



Lm LED	Ref.
500	<a href="#">HSH025</a>
1000/2000	<a href="#">HSH050</a>

## Decorative Ring



Lm LED	Ref.	Color
500	<a href="#">HSRI40W</a>	○
500	<a href="#">HSRI40C</a>	●
500	<a href="#">HSRI40M</a>	●
1000/2000	<a href="#">HSRI65W</a>	○
1000/2000	<a href="#">HSRI65C</a>	●
1000/2000	<a href="#">HSRI65M</a>	●

## Buffer

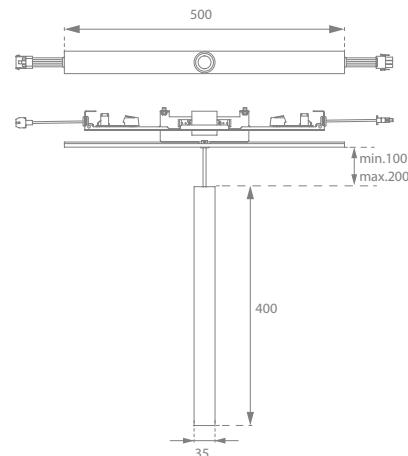


Lm LED	Ref.
500	<a href="#">HSCU25</a>
1000/2000	<a href="#">HSCU50</a>



## Ocult System

### Pendular



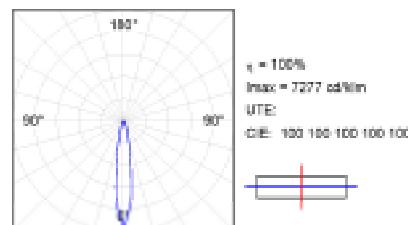
#### OCULT SYSTEM PENDULAR

Family	Typology	Lm LED	Optic	CRI	K	Gear	Acc. Finishes	Finishes
<b>OS1</b>	PV	Pendular	<b>05</b> 500lm	SP SP 17° FL FL 39°	8 80	30 3000 K 40 4000 K	N ON/OFF D DALI	B Black B Black 03 W White 05
OS1	PV	05	SP	8	30	N	B	B

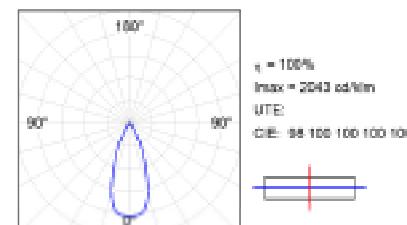
#### TECHNICAL CHARACTERISTICS

##### Optics

###### SP 17°



###### FL 39°

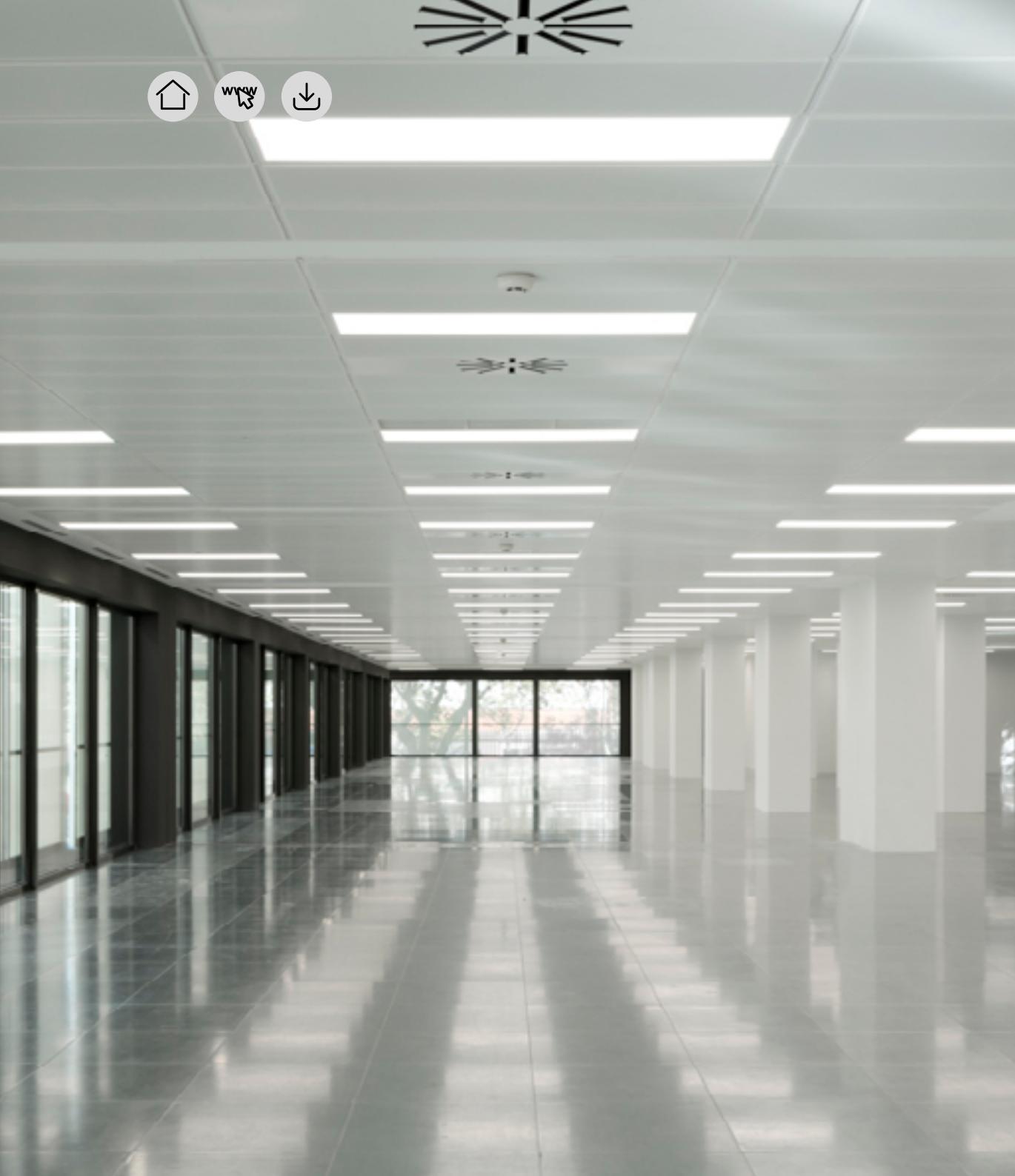


##### Light output and power

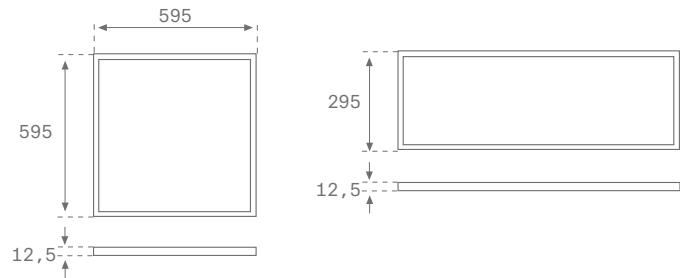
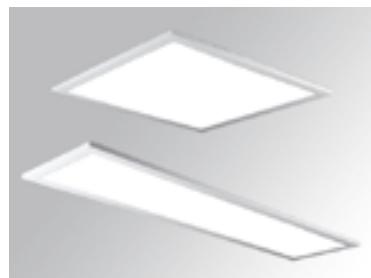
###### OCULT SYSTEM PENDULAR

500lm			
	K	CRI	W
SP	3000	80	4 414
17°	4000	80	4 443
FL	3000	80	4 331
39°	4000	80	4 349





**Plat**

**Plat****PLAT IP40**

Family	Format	Lm LED	Optic	IP	K	Gear	Finishes
<b>PL3</b>	<b>060</b> 600x600	<b>35</b> 4100lm	<b>OP</b> Opal	<b>40</b> IP40	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF <b>D</b> DALI	<b>W</b> White 06
	<b>120</b> 1200x300		<b>PR</b> Prismatic <small>UGR &lt;19</small>		<b>30</b> 3000 K <b>35</b> 3500 K <b>40</b> 4000 K		
PL3	060	30	OP	40	30	N	W

**PLAT CRI 90**

Family	Format	Lm LED	Optic	IP	CRI	K	Gear	Finishes
<b>PL3</b>	<b>060</b> 600x600	<b>35</b> 4100lm	<b>PR</b> Prismatic <small>UGR &lt;19</small>	<b>40</b> IP40	<b>9</b> 90	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF <b>D</b> DALI	<b>W</b> White 06
	<b>120</b> 1200x300							
PL3	060	30	OP	40	9	30	N	W

**PLAT IP54**

Family	Format	Lm LED	Optic	IP	K	Gear	Finishes
<b>PL3</b>	<b>060</b> 600x600	<b>35</b> 3500lm	<b>OP</b> Opal	<b>54</b> IP54	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF <b>D</b> DALI	<b>W</b> White 06
PL3	060	30	OP	54	30	N	W

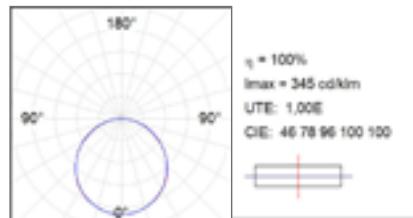
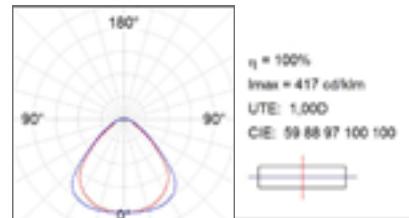
**PLAT TUNABLE WHITE**

Family	Format	Lm	Optic	IP	CRI	K	Gear	Finishes
<b>PL3</b>	<b>060</b> 600x600	<b>35</b> 3500lm	<b>OP</b> Opal	<b>40</b> IP40	<b>8</b> 80	<b>TW</b> Tunable White	<b>D</b> DALI	<b>W</b> White 06
PL3	060	35	OP	40	8	TW	D	W



## TECHNICAL CHARACTERISTICS

## Optics

**OP**
 Texturised white
 **PR**

**UGR <19**  
 For 4H, 8H 70/ 50 /20

## Light output and power

**PLAT****600x600**

	K	CRI	W	lm Output
OP	3000	80	28	3607
	4000	80	28	3819
	TW	80	31	4495
PR	3000	80	28	3395
		90	30	2900
	3500	80	30	3500
		90	-	-
	4000	80	28	3607
		90	30	3100

**1200x300**

	K	CRI	W	lm Output
OP	3000	80	30	3607
	4000	80	30	3819
PR	3000	80	30	3395
		90	30	2800
	3500	80	30	3500
		90	-	-
	4000	80	30	3607
		90	30	3000

## ACCESSORIES

## Suspension kit



Ref.	h(m)
PLSUWI1500	max. 1,5m

## Frame for PLAT recessed installations



Ref.	Color	mm
PLREFR060	○	600x600x59
PLREFR120	○	1200x300x59

## Frame for PLAT ceiling mounting installations



Ref.	Color	mm
PLSFFR060	○	600x600x59
PLSFFR120	○	1200x300x59

## 4/6 Steel mounting clips surface



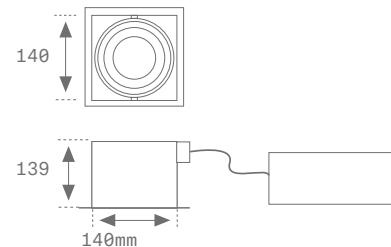
Ref.	1x (4 mounting clips) 3x (12 mounting clips)	1 luminaire 600x600 2 luminaire 1200x300
PLXSFCL		



# Puzzle

## Puzzle

### Individual



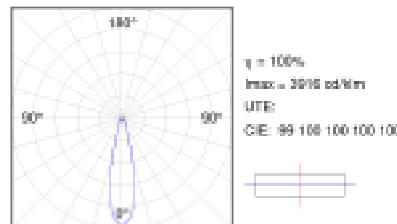
#### PUZZLE INDIVIDUAL

Family	Installation	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>PU2</b>	<b>RE</b>	Recessed	<b>1</b> Individual	<b>15</b> 1400lm <b>25</b> 2500lm <b>35</b> 3500lm <b>45</b> 4600lm	<b>MF</b> MFL 26° <b>FL</b> FL 37°	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF
<b>PU2</b>	<b>RE</b>		<b>1</b>	<b>15</b>	<b>MF</b>	<b>8</b>	<b>30</b>	<b>N</b>
								<b>W</b>
								<b>B</b> Black 02

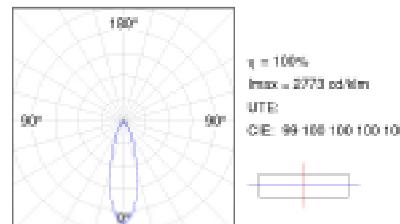
#### TECHNICAL CHARACTERISTICS

##### Optics

###### MFL 26°



###### FL 37°



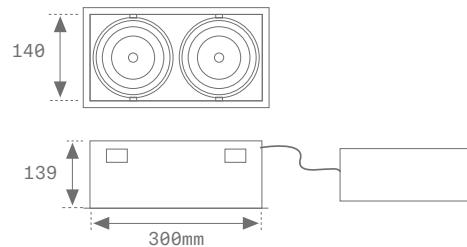
##### Light output and power

###### PUZZLE INDIVIDUAL

	1x1400lm			1x2500lm			1x3500lm			1x4600lm		
	K	CRI	W	Im Output	W	Im Output	W	Im Output	W	Im Output	W	Im Output
<b>MFL</b>	3000	80	9	1207	18	2263	28	3103	33	3859		
26°	4000	80	9	1257	18	2357	28	3232	33	4020		
<b>FL</b>	3000	80	9	1168	18	2190	28	3004	33	3960		
37°	4000	80	9	1217	18	2281	28	3129	33	4125		



## Puzzle Double



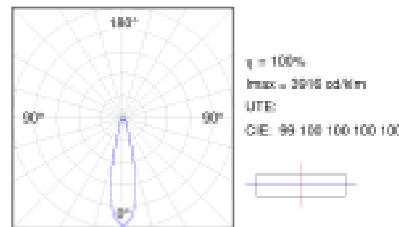
### PUZZLE DOUBLE

Family	Installation	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>PU2</b>	<b>RE</b>	Recessed	<b>2</b> Double	<b>25</b> 2500lm <b>35</b> 3500lm <b>45</b> 4600lm	<b>MF</b> MFL 26° <b>FL</b> FL 37°	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF
PU2	RE		25	MF	8	30	N	W

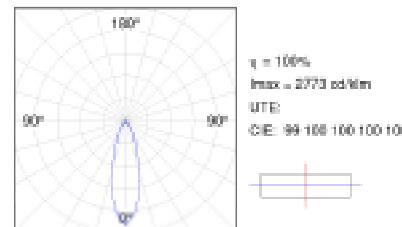
### TECHNICAL CHARACTERISTICS

#### Optics

##### MFL 28°



##### FL 38°



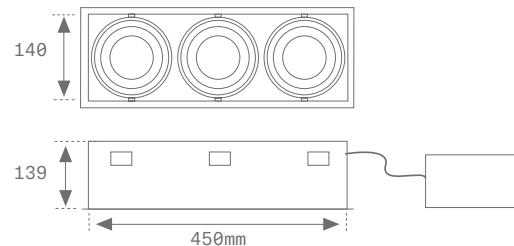
#### Light output and power

##### PUZZLE DOUBLE

	2x2500lm				2x3500lm		2x4600lm	
	K	CRI	W	lm Output	W	lm Output	W	lm Output
MFL	3000	80	36	4525	54	6205	66	7718
26°	4000	80	36	4714	54	6464	66	8040
FL	3000	80	36	4380	54	6008	66	7920
37°	4000	80	36	4562	54	6258	66	8250



## Puzzle Triple



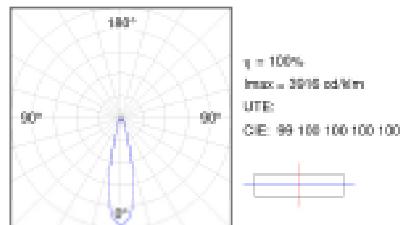
### PUZZLE TRIPLE

Family	Installation	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>PU2</b>	<b>RE</b>	Recessed	<b>3</b>	<b>Triple</b>	<b>25</b> 2500lm	<b>MF</b> MFL 26°	<b>8</b> 80	<b>30</b> 3000 K
			<b>35</b> 3500lm	<b>FL</b> FL 37°		<b>40</b> 4000 K	<b>N</b> ON/OFF	<b>W</b> White 02
			<b>45</b> 4600lm					<b>B</b> Black 02
PU2	RE	3	25	MF	8	30	N	W

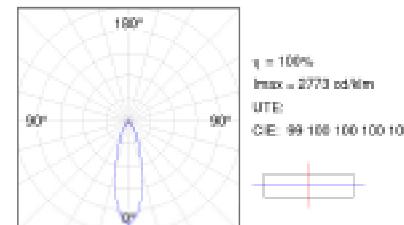
### TECHNICAL CHARACTERISTICS

#### Optics

##### MFL 28°



##### FL 38°



#### Light output and power

##### PUZZLE TRIPLE

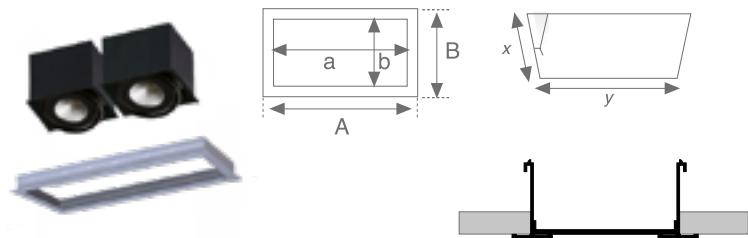
	3x2500lm			3x3500lm			3x4600lm		
	K	CRI	W	Im Output	W	Im Output	W	Im Output	W
MFL	3000	80	54	6788	87	9308	99	11578	
26°	4000	80	54	7071	87	9696	99	12060	
FL	3000	80	54	6570	87	9012	99	11880	
37°	4000	80	54	6843	87	9387	99	12927	



## Puzzle Recessed



Marcos embellecedores de empotrar para módulos Puzzle (RE)



### PUZZLE FRAMES RECESSED

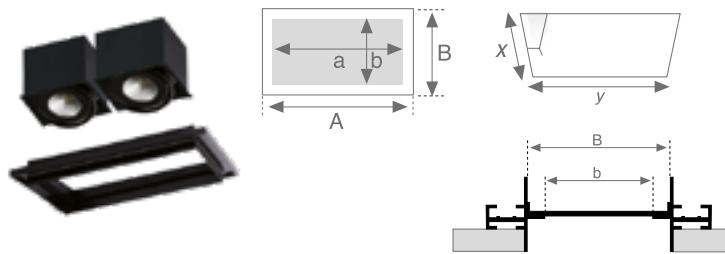
Family	Installation		Tipo	Finishes
PU	RE	Recessed	FR	Frame
			1	W White 04
			2	
			3	
			4	
			5	
			6	
			9	

PU RE FR 1 W

## Puzzle Trimless



Marcos ocultos de empotrar para módulos Puzzle (TR)



### PUZZLE FRAMES TRIMLESS

Family	Installation		Tipo	Finishes
PU	TR	Recessed	FR	Frame
			1	W White 04
			2	B Black 04
			3	
			4	
			5	
			6	
			9	

PU TR FR 1 W

### Dimensional Data

Kind	A x B	a x b	x x y	Module	Combination
1	186x186	142x142	174x174	A	
2	344x190	300x146	332x178	B	
3	494x190	450x146	482x178	C	
4	654x190	610x146	642x178		
5	959x190	915x146	974x178		
6	1264x190	1220x146	1252x178		
9	344x344	300x300	332x332		

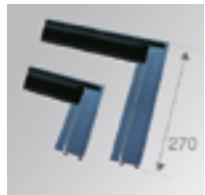
## ACCESSORIES

A blind module



Ref.	Color	Lmm	Kg
<a href="#">PUCOAB</a>	<input checked="" type="radio"/>	160	0,1
<a href="#">PUCOAW</a>	<input type="radio"/>	160	0,1

90° corner joint (Joints included)



Ref.	Color
<a href="#">PUTRFRCRB</a>	<input checked="" type="radio"/>
<a href="#">PUTRFRCRW</a>	<input type="radio"/>

Intermediate joint for hidden frames (2 units for each reference)



Ref.
<a href="#">PUTRFRJO</a>

B blind module



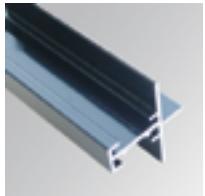
Ref.	Color	Lmm	Kg
<a href="#">PUCOBB</a>	<input checked="" type="radio"/>	320	0,2
<a href="#">PUCOBW</a>	<input type="radio"/>	320	0,2

"U" hidden end frame (1 unit for each reference, joints included)



Ref.	Color
<a href="#">PUTRFRENB</a>	<input checked="" type="radio"/>
<a href="#">PUTRFRENW</a>	<input type="radio"/>

Hidden frame profile (1 unit for each reference)



Ref.	Color
<a href="#">PUTRFRPR1000B</a>	<input checked="" type="radio"/>
<a href="#">PUTRFRPR1000W</a>	<input type="radio"/>
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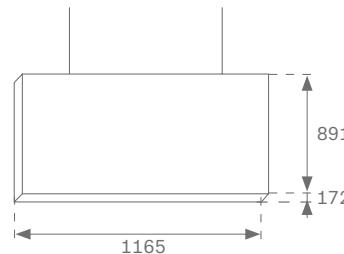


**Quiet**



## Quiet

### Baffle Fil 45

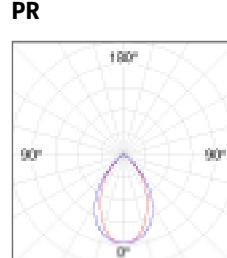


#### QUIET BAFFLE FIL 45

Family	Format	Lm LED/m	Optic	CRI	K	Gear
<b>QBF41</b>	<b>084</b> 840mm	<b>M0</b> 2320lm	<b>PR</b> Opal Comfort	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF
	<b>112</b> 1120mm				<b>40</b> 4000 K	<b>D</b> DALI
	<b>168</b> 1680mm					
QBF41	084	M0	PR	8	30	N

#### TECHNICAL CHARACTERISTICS

##### Optics



##### Light output and power

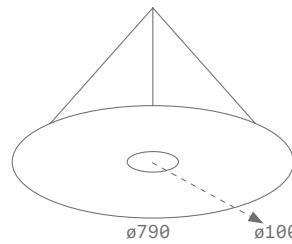
##### QUIET BAFFLE FIL 45

	840mm			1120mm			1680mm		
	K	CRI	W	lm Output	W	lm Output	W	lm Output	
PR	3000	80	12	1160	16	1547	23	2319	
	4000	80	12	1218	16	1624	23	2437	



**Quiet**

## Round Kombic 100

**QUIET ROUND KOMBIC**

Family	Lm LED	Optic	CRI	K	Gear
<b>QRK11</b>	<b>20</b> 2000lm	OP WF	Opal WFL 50°	8 80	30 3000 K 40 4000 K
					N ON/OFF D DALI

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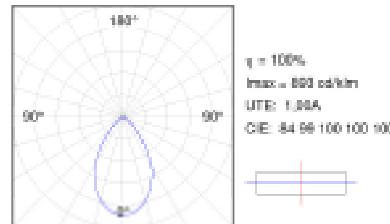
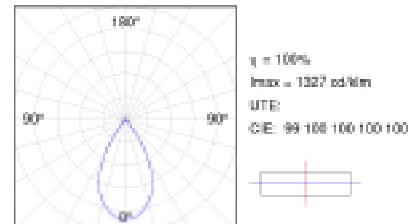
QRK11 20	OP	8	30	N
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## TECHNICAL CHARACTERISTICS

## Optics

**OP****WFL 50°**

## Light output and power

**KOMBIC DOWNLIGHT 100 OPAL**

2000lm

	K	CRI	W	lm Output
BR	3000	80	13	1460
	4000	80	13	1547
MA	3000	80	13	1392
	4000	80	13	1474
WH	3000	80	13	1454
	4000	80	13	1541

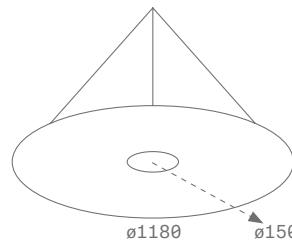
**KOMBIC DOWNLIGHT 100 OPTIC**

2000lm

	K	CRI	W	lm Output
BK	3000	80	14	1205
	4000	80	14	1277
MA	3000	80	14	1268
	4000	80	14	1343
WH	3000	80	14	1275
	4000	80	14	1351

**Quiet**

## Round Kombic 150

**QUIET ROUND KOMBIC**

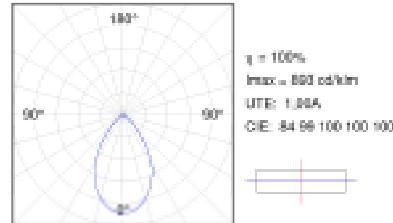
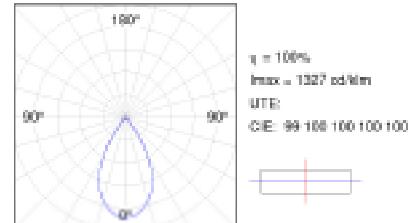
Family	Lm LED	Optic	CRI	K	Gear
<b>QRK21</b>	<b>30</b> 3000lm	<b>OP</b> Opal <b>WF</b> WFL 50°	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF <b>D</b> DALI
QRK21	30	OP	8	30	N





## TECHNICAL CHARACTERISTICS

## Optics

**OP****WFL 50°**

## Light output and power

**KOMBIC DOWNLIGHT 150 OPAL**3000lm

	K	CRI	W	Im Output
BR	3000	80	19,9	2096
	4000	80	19,9	2184
MA	3000	80	19,9	2010
	4000	80	19,9	2094
WH	3000	80	19,9	2074
	4000	80	19,9	2161

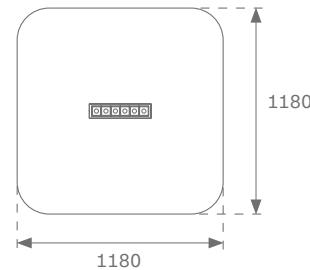
**KOMBIC DOWNLIGHT 150 OPTIC**3000lm

	K	CRI	W	Im Output
BK	3000	80	19,9	1613
	4000	80	19,9	1680
MA	3000	80	19,9	1618
	4000	80	19,9	1685
WH	3000	80	19,9	1677
	4000	80	19,9	1737



## Quiet

### Square Ocult



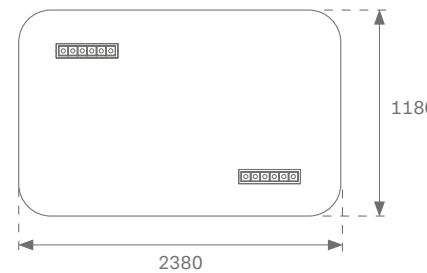
#### QUIET SQUARE OCULT

Family	Modules	Lm LED	Optic	CRI	K	Gear
QS0D1	06	12	1200lm MF MFL 24°	8 80	30 3000 K	N ON/OFF
	09	18	1800lm WF WFL 48°		40 4000 K	D DALI
QS0D1	06	12	MF	8	30	N



**Quiet**

## Rectangle Ocult

**QUIET RECTANGLE OCULT**

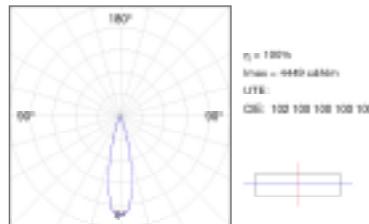
Family	Modules	Lm LED	Optic	CRI	K	Gear
<b>QR0D1</b>	<b>26</b> 2x6	<b>24</b> 2400lm	<b>MF</b> MFL 24°	<b>8</b>	<b>30</b> 3000 K	<b>N</b> ON/OFF
	<b>29</b> 2x9	<b>36</b> 3600lm	<b>WF</b> WFL 48°		<b>40</b> 4000 K	<b>D</b> DALI
<b>QR0D1</b>	<b>26</b>	<b>24</b>	<b>MF</b>	<b>8</b>	<b>30</b>	<b>N</b>



## TECHNICAL CHARACTERISTICS

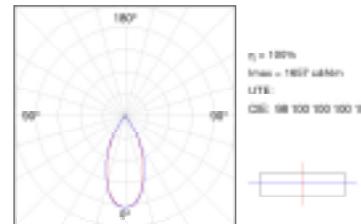
## Optics

## MFL 24°



UGR <10  
For 4H, 8H 70/ 50 /20

## WFL 48°



UGR <19  
For 4H, 8H 70/ 50 /20

## Dimensional data

	6 Modules	9 Modules
XxY	43x207	43x307



## Light output and power

## QUIET SQUARE OCULT

	6 Modules		9 Modules			
	K	CRI	W	lm Output	W	lm Output
MFL 24°	3000	80	12	1080	18	1620
	4000	80	12	1080	18	1620
WFL 48°	3000	80	12	1098	18	1647
	4000	80	12	1098	18	1647

## QUIET RECTANGLE OCULT

	6 Modules		9 Modules			
	K	CRI	W	lm Output	W	lm Output
MFL 24°	3000	80	12	2160	18	3240
	4000	80	12	2160	18	3240
WFL 48°	3000	80	12	2196	18	3294
	4000	80	12	2196	18	3294

## ACCESSORIES

## Reflector (3,6,9,12 modules)



## Ref.

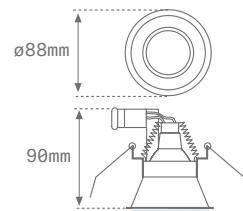
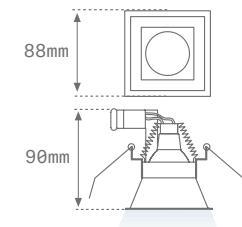
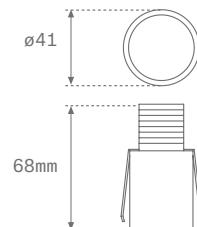
ODRF3C  
ODRF3M  
ODRF3W

## Color





# Ring

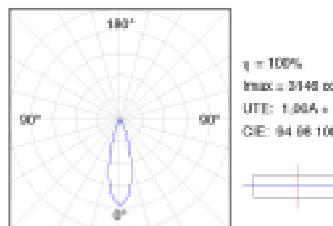
**Ring 90**  
Round

**Ring 90**  
Square

**Ring 40**  
Round
**RING**

Family	Format	Installation	Lm LED	Optic	CRI	K	Gear	Finishes
<b>RI1</b>	<b>90</b> 88mm	<b>RD</b> Round	<b>10</b> 1300	<b>MF</b> MFL 28°	<b>8</b> 80	<b>30</b> 3000 K	<b>T</b> TRIAC	<b>W</b> White 02
	<b>SQ</b> 40mm	<b>RD</b> Round	<b>02</b> 150	<b>SP</b> SP 10°	<b>9</b> 90	<b>27</b> 2700 K <b>30</b> 3000 K	<b>N</b> ON/OFF	<b>W</b> White 02 <b>B</b> Black 02
RI1	90	RD	10	MF	8	30	T	W

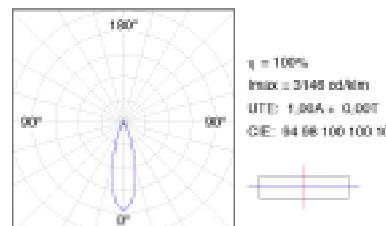
## TECHNICAL CHARACTERISTICS

## Optics

## ROUND



## SQUARE



## Light output and power

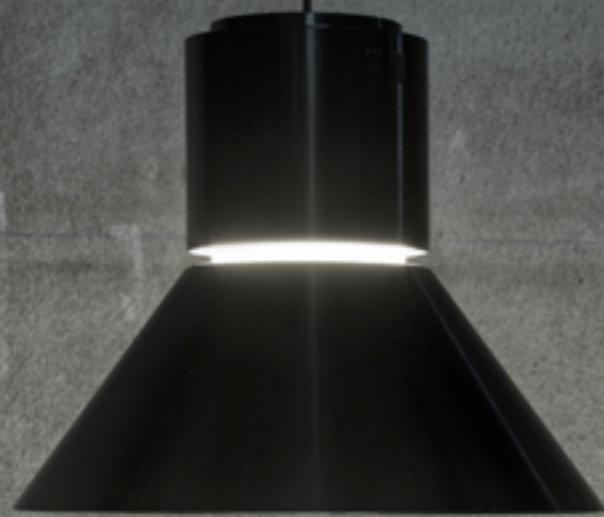
## RING 90

1300lm				
	K	CRI	W	Im Output
MF 28°	3000	80	10	971

## RING 40

150lm				
	K	CRI	W	Im Output
WH	2700	80	2	114
	3000	80	2	131
BK	2700	80	2	105
	3000	80	2	121

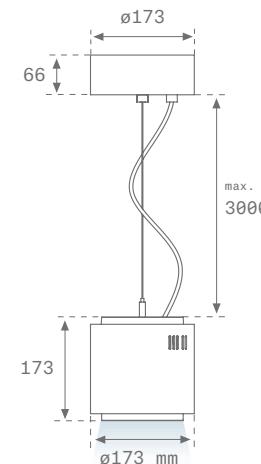




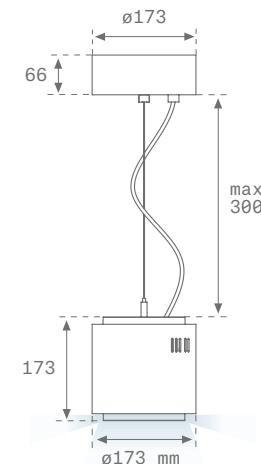
# Stormbell



## Stormbell



## Stormbell Deco



### STORMBELL

Family	Format	Lm LED	Optic	CRI	K	Gear	Finishes Int.	Finishes
<b>ST1</b>	<b>170</b> ø173mm	<b>30</b> 3000lm <b>50</b> 5000lm	<b>FL</b> FL 39° <b>WF</b> WFL 57°	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF	<b>B</b> Black 04	<b>W</b> White 04
ST1	170	30	FL	8	30	N	B	W

### STORMBELL DECO

Family	Format	Lm LED	Optic	CRI	K	Gear	Finishes Int.	Finishes
<b>ST1</b>	<b>170</b> ø173mm	<b>30</b> 3000lm <b>50</b> 5000lm	<b>FL</b> FL 39° <b>WF</b> WFL 57°	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF	<b>0</b> Opal	<b>W</b> White 04 <b>B</b> Black 04
ST1	170	30	FL	8	30	N	0	W

● Mandatory reflector to use accessories

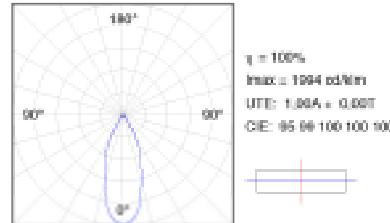




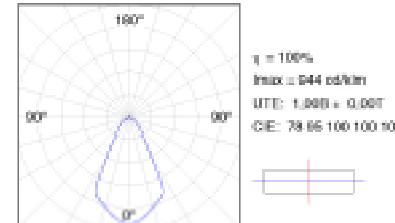
## TECHNICAL CHARACTERISTICS

## Optics

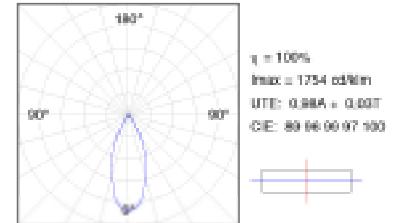
FL 39°



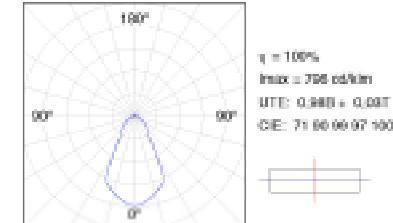
WFL 57°



DECO FL 39°



DECO WFL 57°



## Light output and power

## STORMBELL

	3000lm		5000lm			
	K	CRI	W	lm Output	W	lm Output
FL 39°	3000	80	24	2402	44	3690
	4000	80	24	2468	44	3793
WFL 57°	3000	80	24	2492	44	3795
	4000	80	24	2561	44	3900

## STORMBELL DECO

	3000lm		5000lm			
	K	CRI	W	lm Output	W	lm Output
FL 39°	3000	80	24	2648	44	4152
	4000	80	24	2722	44	4267
WFL 57°	3000	80	24	2985	44	4707
	4000	80	24	3068	44	4837

## REFLECTOR

## White reflector



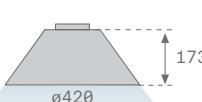
**Ref.**  
**STBE420W**

**hmm**  
173      **ø4mm**  
420

**Pict.**

850°

PC



## Translucent reflector



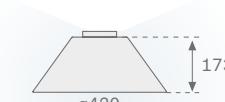
**Ref.**  
**STBE4200P**

**hmm**  
173      **ø4mm**  
420

**Pict.**

850°

PC



## Black reflector



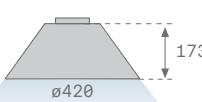
**Ref.**  
**STBE420B**

**hmm**  
173      **ø4mm**  
420

**Pict.**

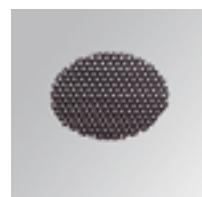
850°

PC



## ACCESSORIES

## Anti-glare honeycomb grille



**Ref.**  
**STH0102B**

**ømm**  
102

## Opal glass protector



**Ref.**  
**ST1020P**

**ømm**  
102

## Transparent glass protector



**Ref.**  
**ST102TR**

**ømm**  
102



# Stormbell 80

## Stormbell 80

Suspended Recessed



## Stormbell 80

Suspended Surface



## NS Stormbell 80

Suspended Track



### STORMBELL 80 WB

Family	Installation	Lm LED	Optic	CRI	K	Gear	Finishes Ring	Finishes
ST18	SE Sus. Rec.	L0 1500lm	SP SP 15°	9	90	27 2700 K	N ON/OFF	OP Opal
	SS Sus. Sur.		MF MFL 23°	30	3000 K	D DALI	B Black	W White
	ST Sus. Track		WF WFL 57°	40	4000 K			B Black
				WB3	WB 3000 K			1 Materiality
				WB4	WB 4000 K			
ST18	SE	L0	SP	9	27	N	OP	W

### STORMBELL 80 TW

Family	Installation	Lm LED	Optic	CRI	K	Gear	Finishes Ring	Finishes
ST18	SE Sus. Rec.	L0 1500lm	SP SP 25°	9	90	TW Tunable White	D DALI	OP Opal
	SS Sus. Sur.		MF MFL 23°				B Black	W White
	ST Sus. Track		WF WFL 57°					B Black
								1 Materiality
ST18	SE	L0	SP	9	TW	D	OP	W

● Mandatory reflector accessory

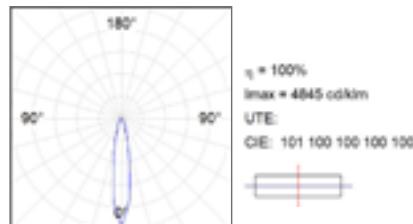




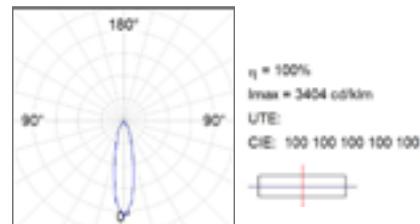
## TECHNICAL CHARACTERISTICS

## Optics

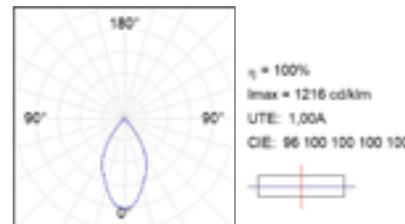
## SP



## MFL



## WFL



## Light output and power

## STORMBELL 80

	K	CRI	SU RE		SU SF		SUT	
			W	Im Output	W	Im Output	W	Im Output
SP	2700	90	14,2	1302	13,9	1302	14,7	1302
	3000	90	14,2	1342	13,9	1342	14,7	1342
	4000	90	14,2	1431	13,9	1431	14,7	1431
	3000 WB	97	14,7	1141	14,4	1141	15,2	1141
	4000 WB	97	14,7	1216	14,4	1216	15,2	1216
MFL	2700	90	14,2	1328	13,9	1328	14,7	1328
	3000	90	14,2	1369	13,9	1369	14,7	1369
	4000	90	14,2	1467	13,9	1467	14,7	1476
	3000 WB	97	14,7	1164	14,4	1164	15,2	1164
	4000 WB	97	14,7	1247	14,4	1247	15,2	1247
WFL	2700	90	14,2	1343	13,9	1343	14,7	1343
	3000	90	14,2	1384	13,9	1384	14,7	1384
	4000	90	14,2	1476	13,9	1476	14,7	1476
	3000 WB	97	14,7	1176	14,4	1176	15,2	1176
	4000 WB	97	14,7	1255	14,4	1255	15,2	1255

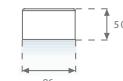


## ACCESSORIES

80x50 reflector



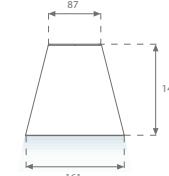
Ref.	Color
S8BE86W	○
S8BE86B	●
S8BE86B1	● ● ● ● ●



161x150 reflector



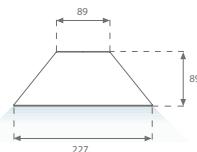
Ref.	Color
S8BE161W	○
S8BE161B	●
S8BE161B1	● ● ● ● ●



227x89 reflector



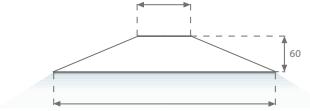
Ref.	Color
S8BE227W	○
S8BE227B	●
S8BE227B1	● ● ● ● ●



363x60 reflector



Ref.	Color
S8BE363W	○
S8BE363B	●
S8BE363B1	● ● ● ● ●
S8BE363PT	●
S8BE363CK	●



## Wellbeing Materiality: 1



1505-Y10R



7024



3010-G



2010-Y20R



3013



# Track

**Track 48V****TRACK 48V**

Family	Installation	Typology	Length	Gear	Finishes
TL	SU	Suspended	PR	Profile	
			<b>1000</b>	1000mm	<b>D</b> DALI
			<b>2000</b>	2000mm	<b>W</b> White 06 <b>B</b> Black 01

TL	SU	PR	1000	D	W

**ACCESSORIES****DRIVER**

Family	Typology	IP	W	Voltage	Gear
TL	DRV Driver	20	IP 20	70	48V
				<b>70</b> 70W	<b>N</b> ON/OFF
				<b>150</b> 150W	

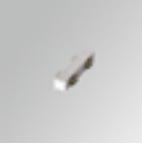
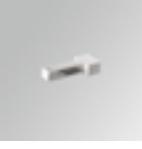
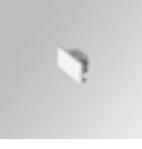
  

TL	DRV	20	70	48	N

● It is recommended not to exceed 85% of the capacity of the driver.

## ACCESSORIES

## TRACK 48V ACCESORIES

Family	Installation	Typology	Length	Gear	Finishes
TL	SU	Surface	-	D DALI	W White 06 B Black 01
<b>LI</b>	Inner Corner		-	D DALI	W White 06 B Black 01
<b>XJ</b>	X Joint		-	D DALI	W White 06 B Black 01
<b>IJ</b>	Intermediate Joint		-	D DALI	W White 06 B Black 01
<b>AR</b>	Mains Supply Right		-	D DALI	W White 06 B Black 01
<b>AL</b>	Mains Supply Left		-		
<b>EC</b>	End Cover		-		W White 06 B Black 01
<b>WI</b>	Cable		1500 1500mm		N Nickel
TL	SU	LI	1500	D	W

**Track 230V****THREE PHASE TRACK**

Family	Installation	Typology	Length	Gear	Finishes
<b>TK</b>	<b>RE</b> Recessed	<b>PR</b> Profile	<b>1000</b> 1000mm <b>2000</b> 2000mm <b>3000</b> 3000mm	<b>DN</b> DALI-ON/OFF	<b>W</b> White
	<b>SU</b> Suspended	<b>PR</b> Profile	<b>1000</b> 1000mm <b>2000</b> 2000mm <b>3000</b> 3000mm	<b>DN</b> DALI-ON/OFF	<b>W</b> White 06 <b>B</b> Black 01 <b>G</b> Grey
<b>TK</b>	<b>RE</b>	<b>PR</b>	<b>1000</b>	<b>DN</b>	<b>W</b>

## ACCESSORIES

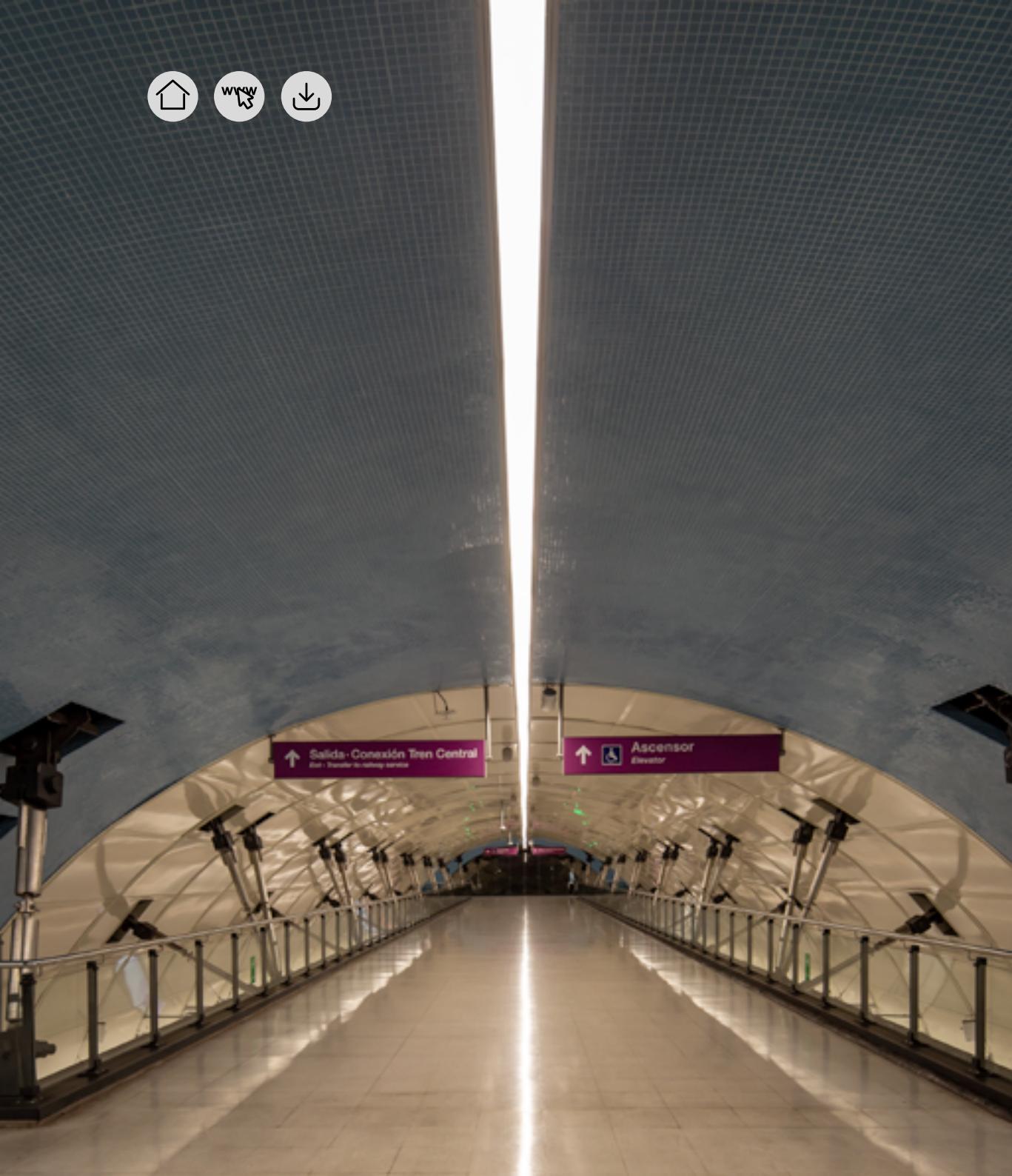
## THREE PHASE TRACK ACCESSORIES

Family	Installation	Typology	Definition	Gear	Finishes
				DN DALI-ON/OFF	W White B Black G Grey
TKA		<b>AR</b> Mains Supply Right <b>AL</b> Mains Supply Left			
		<b>AI</b> Intermediate Joint		DN DALI-ON/OFF	W White B Black G Grey
		<b>TR</b> T Juction Right <b>TL</b> T Junction Left		<b>O</b> <b>I</b> Outside Inner	DN DALI-ON/OFF
		<b>LI</b> Inner corner <b>LO</b> Outside corner			W White B Black G Grey
		<b>XJ</b> X Joint <b>JU</b> Juction <b>JF</b> Flexible Junction		DN	W
TKA	AR				

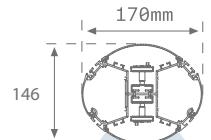
## ACCESSORIES

## THREE PHASE TRACK ACCESSORIES

Family	Installation	Typology	Definition	Gear	Finishes
TKA		EC CX	End Cover X Cover		<b>W</b> White <b>B</b> Black <b>G</b> Grey
		CO	Decorative Cover (Recessed)		<b>W</b> White <b>B</b> Black <b>G</b> Grey
		SUSSU SRSU	Suspension Support Surface Support		<b>W</b> White <b>B</b> Black <b>G</b> Grey
		WI	Suspension Wire	<b>3000</b> 3000mm	
		RG	Rigid	<b>1000</b> 1000mm	<b>W</b> White
TKA		EC			<b>W</b>



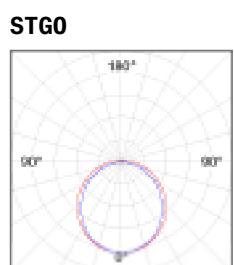
# Transit

**STGO****STGO**

Family	Format	Lm LED	IP	Optic	CRI	K	Gear	Finishes
ST1	SU	Suspended	M0 Medium Output	42 42	OP Opal	8 80	40 4000 K	N ON/OFF G Grey 01
ST1	SU	M0		42	OP	8	40	N G

## TECHNICAL CHARACTERISTICS

## Optics



## ACCESSORIES

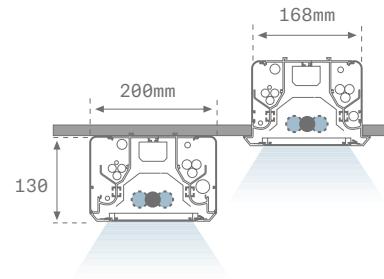
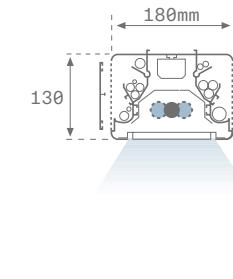
Set of 2 fixings per joint (2 units for each reference)



Ref.

F7J0



**TLSE****BCN****TLSE**

Family	Format	Lamps	W	IP	Gear	Finishes
	SF	Surface	1 Unit	36 W	20 20	N ON/OFF W White
<b>TL1</b>	<b>SF</b>		<b>1</b>	<b>36</b>	<b>20</b>	<b>N</b>
TL1	SF		1	36	20	N
						W

**BCN**

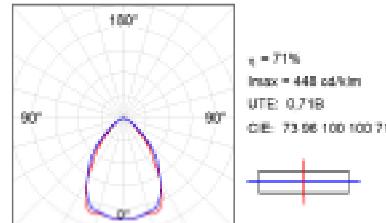
Family	Format	Lamps	W	IP	Gear	Finishes
	SU	Suspended	1 Unit	36 W	20 20	N ON/OFF W White
<b>BC1</b>	<b>SU</b>		<b>1</b>	<b>36</b>	<b>20</b>	<b>N</b>
BC1	SU		1	36	20	N
						W



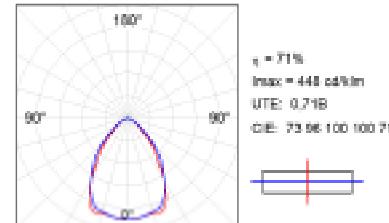
## TECHNICAL CHARACTERISTICS

## Optics

## TLSE



## BCN



## Light output and power

## BCN

650lm

Format	K	CRI	W	lm Output
OP	4000	80	6	610

## ACCESSORIES

Set of 2 fixings per joint



Ref.

F5J0



# **General Acc. Indoor**



SUSPENSIONS: Fil 50, Fil 70, Fil 120, Lamptub (1unit/ref.)

## Decorative direct fixing for electrical connection



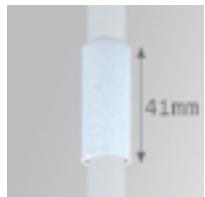
Ref.	Color
SUCAEMDEW	<input type="radio"/>
SUCAEMDEG	<input checked="" type="radio"/>

## Direct fixing



Ref.	Color
SFRG41W	<input type="radio"/>
SFRG41G	<input checked="" type="radio"/>

## Coupler for 2 rigid suspensions



Ref.	Color
SURGJ041W	<input type="radio"/>

## Decorative ceiling rose for electrical connection



Ref.	Color	
SUCA4000NW	<input type="radio"/>	Transparent cable 4m (3x1,5mm) included
SUCA4000NG	<input checked="" type="radio"/>	
SUCA4000DW	<input type="radio"/>	Transparent cable 4m (5x1,5mm) included. For regulation
SUCA4000DG	<input checked="" type="radio"/>	

## Height-adjustable steel cable for electromechanical connection (3 or 5xØ1,5)



Ref.	Color	h(mm)	
SUCAEMFA1000NW	<input type="radio"/>	1000	Quick anchorage
SUCAEMFA1000NG	<input checked="" type="radio"/>	1000	
SUCAEMFA4000NW	<input type="radio"/>	4000	
SUCAEMFA4000NG	<input checked="" type="radio"/>	4000	
DALI			
SUCAWI1000DG	<input checked="" type="radio"/>		
SUCAWI1000DW	<input type="radio"/>		
SUCAWI4000DG	<input type="radio"/>		
SUCAWI4000DW	<input checked="" type="radio"/>		

## Height-adjustable steel cable



Ref.	Color	h(mm)
SUWIDE1000G	<input checked="" type="radio"/>	1000
SUWIDE4000G	<input type="radio"/>	4000

Quick anchorage



SUSPENSIONS: Fil 50, Fil 70, Fil 120, Lamptub (1unit/ref.)

## Rigid suspension for electrical connection



Ref.	Color	h(mm)
SUCARG0100W	○	100
SUCARG0100G	●	100
SUCARG0250W	○	250
SUCARG0250G	●	250
SUCARG0500W	○	500
SUCARG0500G	●	500
SUCARG01000W	○	1000
SUCARG01000G	●	1000

## Rigid suspension



Ref.	Color	h(mm)
SURG0100W	○	100
SURG0250W	○	250
SURG0500W	○	500
SURG1000W	○	1000

SUSPENSIONS: Fil 120, BCN, STGO (1unit/ref.)

## Two steel cables electromechanical suspension



Ref.	Color	h(m)
SUEM2W3000NW	○	max. 3
SUEM2W3000NG	●	max. 3



WALL BRAKETS: Fil 50, Fil 70, Fil 120, Lamptub (1unit/ref.)

Short wall bracket joint 2 unit/ref.

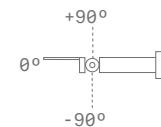


Ref.	Color
F5FX75W	○
F5FX75G	●

Adjustable and extensible wall bracket 2 unit/ref.



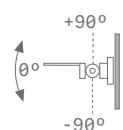
Ref.	Color
ARROEX40W	○
ARROEX40G	●



Adjustable wall bracket 2 unit/ref.

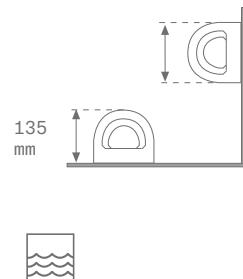
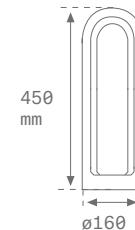
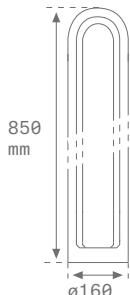


Ref.	Color
ARRO13W	○





# B-Side

**B-Side**  
135

**B-Side**  
450

**B-Side**  
850
**B-SIDE**

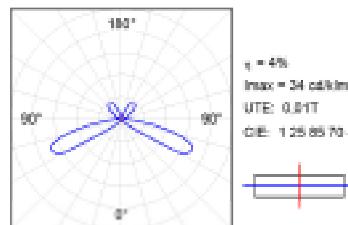
Family	Format	Dimension	Lm LED	CRI	K	Gear	Finishes
BS1	DB Double	13 135mm	03 250lm	8	40 4000 K	N ON/OFF	G Grey 03
		45 450mm	03 250lm				A Anthracite 01
		85 850mm	05 500lm				

BS1 DB 13 03 8 40 N G

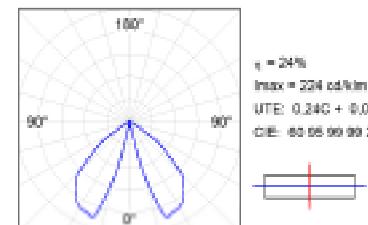
## TECHNICAL CHARACTERISTICS

## Optics

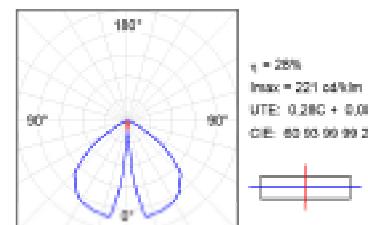
135



450



850



## Light output and power

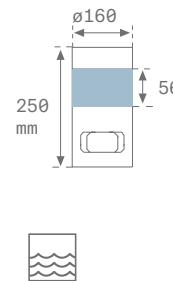
B-SIDE

Model	K	CRI	250lm		500lm	
			W	Im Output	W	Im Output
135	4000	80	2	125	-	-
450	4000	80	2,4	93	4,8	130
850	4000	80	2,4	93	4,8	171

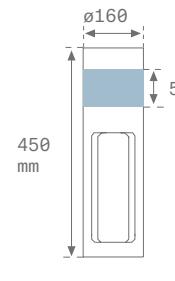
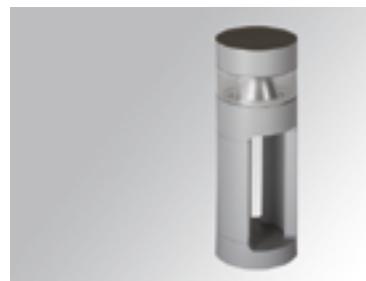


**B-Side 360°**

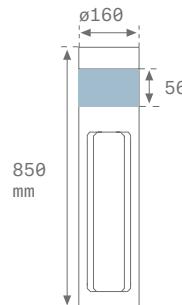
250

**B-Side 360°**

450

**B-Side 360°**

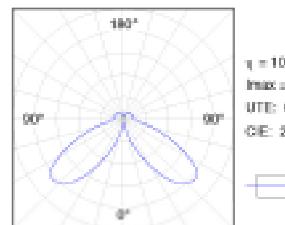
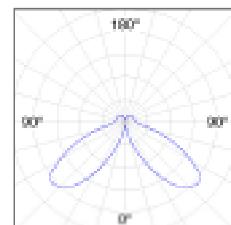
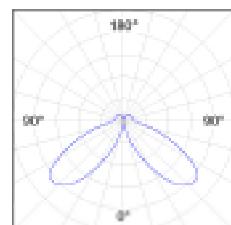
850

**B-SIDE 360°**

Family	Format	Dimension	Lm LED	CRI	K	Gear	Finishes
BS1	RD 360°	25 250mm	10 1000lm	8	40 4000 K	N ON/OFF	G Grey 03
		45 450mm	10 1000lm				A Anthracite 01
		85 850mm	25 2500lm				
BS1	RD	25	10	8	40	N	G

## TECHNICAL CHARACTERISTICS

## Optics

**250****450****850**

## Light output and power

**B-SIDE**

Model	K	CRI	1000lm		2500lm	
			W	lm Output	W	lm Output
235	4000	80	8	451	-	-
450	4000	80	8	451	17	858
850						





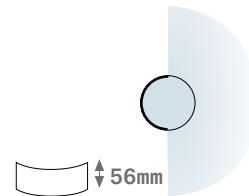
## ACCESSORIES

180° directional distribution



**Ref.**  
**BSSC180B**

**Color**

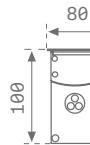




# Bauline

## Bauline

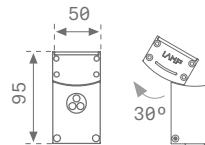
### Recessed



INOX  
AISI 304    GLASS    960°    máx  
1000 Kg

## Bauline

### Surface



PC  
DIFUSER    850°

## BAULINE

Family	Installation	Length	Lm LED/m	Optic	CRI	K	Gear	Finishes
BA3	RE Recessed	068 680mm 127 1270mm	M0 3900lm/m	SP SP 13° MF MFL 21° EL Elliptic	8 80	30 3000 40 4000	N ON/OFF	G Grey 02
	SF Surface	065 650mm 124 1240mm						
BA3	RE	068	M0	SP	8	30	N	G

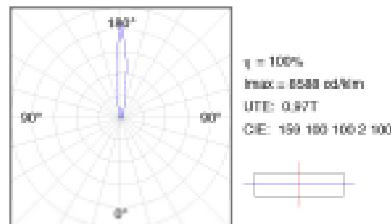




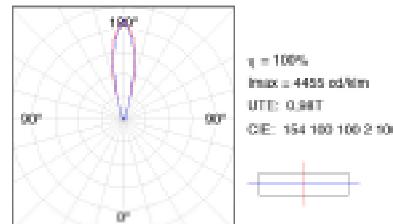
## TECHNICAL CHARACTERISTICS

## Optics

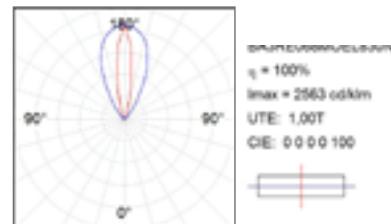
## SP 13°



## MFL 21°



## EL



## Light output and power

## BAULINE RECESSED

	680mm		1270mm	
	2500lm		5000lm	
	K	CRI	W	lm Output
SP	3000	80	16	1927
13°	4000	80	16	1927
MFL	3000	80	16	1996
21°	4000	80	16	1996
EL	3000	80	16	1916
	4000	80	16	1916

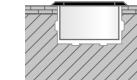
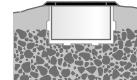
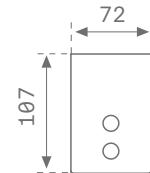
## BAULINE SURFACE

	650mm		1240mm	
	2500lm		5000lm	
	K	CRI	W	lm Output
SP	3000	80	16	1937
13°	4000	80	16	1973
MFL	3000	80	16	1792
21°	4000	80	16	1792
EL	3000	80	16	1916
	4000	80	16	1916



## ACCESSORIES

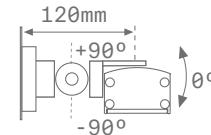
### BAULINE recessing box with gear

**Ref.****BUREB00683  
BUREB01272****Lmm**683  
1272

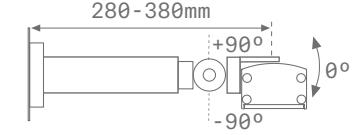
Avoid its placing in ground depression  
Mandatory drainage

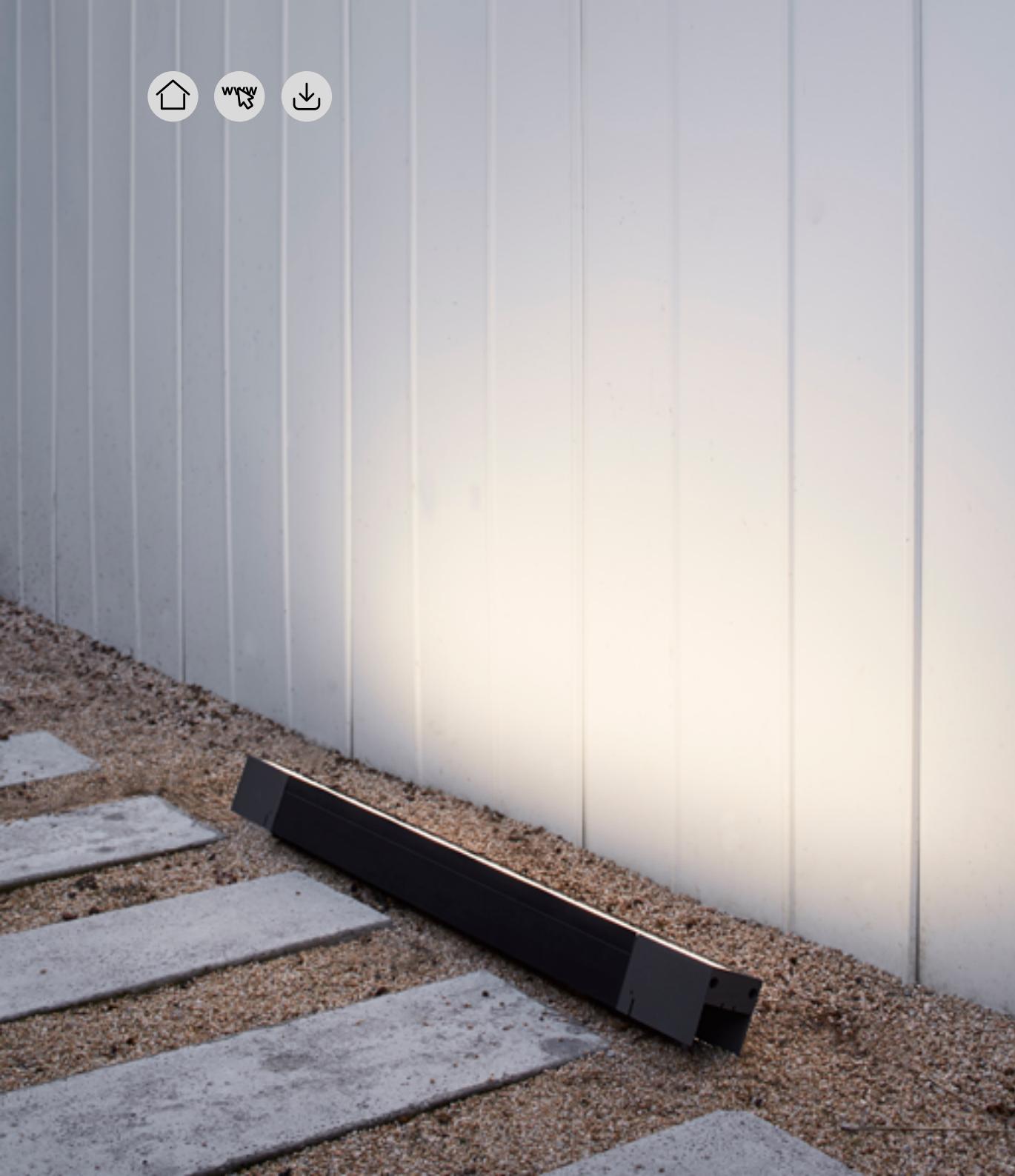
## ACCESSORIES surface

### Adjustable wall bracket (2 units for each reference)

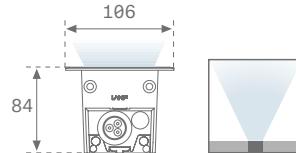
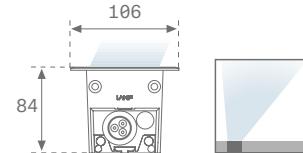
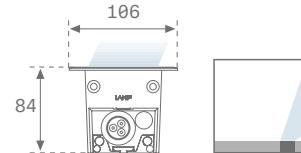
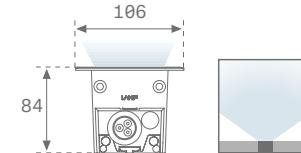
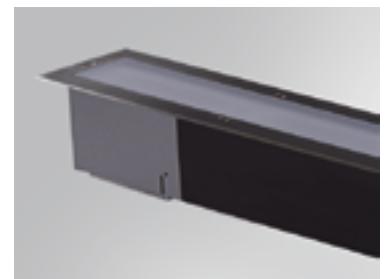
**Ref.****WAAR120G**

### Adjustable and extensible wall bracket (2 units for each reference)

**Ref.****WAAR380G**



# Bazz

**Bazz**  
Symmetric

**Bazz**  
Asymmetric

**Bazz**  
Wall Washer

**Bazz**  
Opal
**BAZZ SYMMETRIC ASYMMETRIC**

Family	Installation	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>BZ1</b>	<b>RE</b> Recessed	<b>100</b> 1043mm <b>200</b> 2036mm	<b>L0</b> 2800lm <b>M0</b> 5600lm	<b>SY</b> Symmetric <b>AS</b> Asymmetric	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF	<b>B</b> Black 06
BZ1	RE	100	L0	SY	8	30	N	B

**BAZZ WALL WASHER**

Family	Installation	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>BZ1</b>	<b>RE</b> Recessed	<b>100</b> 1043mm <b>200</b> 2036mm	<b>M0</b> 4200lm	<b>WW</b> Wall Washer	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF	<b>B</b> Black 06
BZ1	RE	100	M0	WW	8	30	N	B

**BAZZ OPAL**

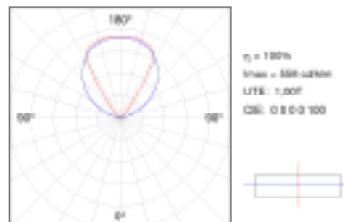
Family	Installation	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>BZ1</b>	<b>RE</b> Recessed	<b>100</b> 1043mm <b>200</b> 2036mm	<b>M0</b> 4200lm	<b>OP</b> Opal	<b>8</b> 80	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF	<b>B</b> Black 06
BZ1	RE	100	M0	OP	8	30	N	B



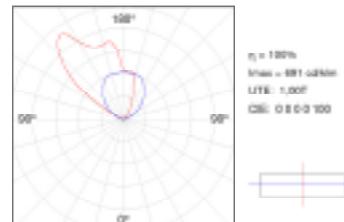
## TECHNICAL CHARACTERISTICS

## Optics

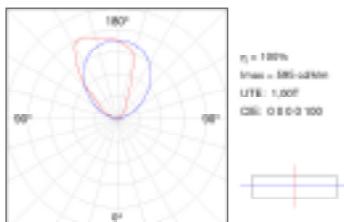
## SYMMETRIC



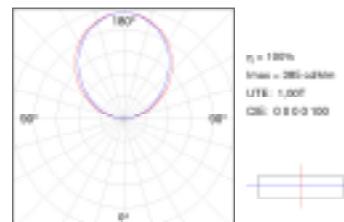
## ASYMMETRIC



## WALL WASHER



## OPAL



## Light output and power

## BAZZ

LO	SY	1000mm		2000mm	
		K	CRI	W	lm Output
AS	3000	80		19	2047
	4000	80		19	2149
MO	3000	80		19	1981
	4000	80		19	2080
AS	3000	80		37	4024
	4000	80		37	4225
WW	3000	80		37	3883
	4000	80		37	4077
OP	3000	80		37	2572
	4000	80		37	2701
OP	3000	80		31	1528
	4000	80		31	1604

## ACCESSORIES

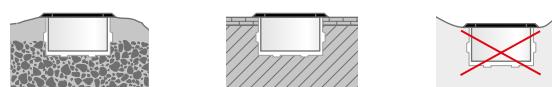
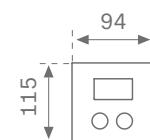
## BAZZ recessing box



Ref.

BZREB01000  
BZREB02000

Lmm

1035  
2028

Avoid its placing in ground depression  
Mandatory drainage

## IP68 3 poles connector

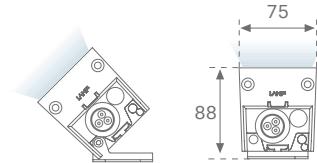
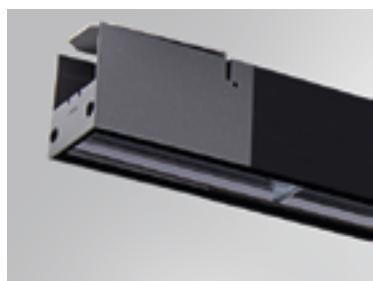
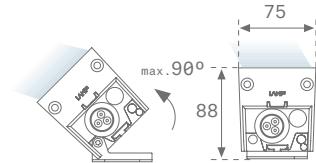
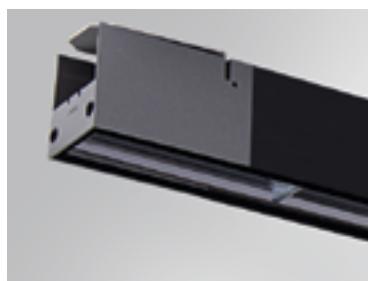
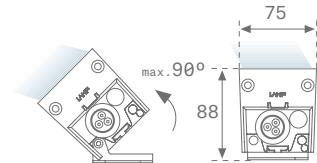
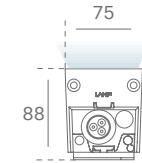
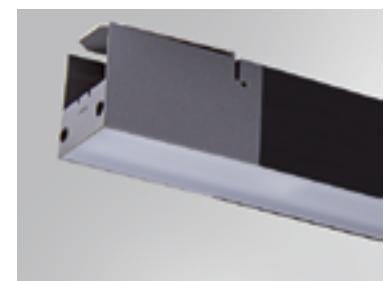


Ref.

CT3P680  
CT3P68G

Color

8-10  
6,5-12


**Bazz Air**  
Symmetric

**Bazz Air**  
Asymmetric

**Bazz Air**  
Wall Washer

**Bazz Air**  
Opal
**BAZZ AIR SYMMETRIC ASYMMETRIC**

Family	Installation	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>BZ1</b>	<b>SF</b> Surface	<b>100</b> 1008mm <b>200</b> 2001mm	<b>L0</b> 2800lm <b>M0</b> 5600lm	<b>SY</b> Symmetric <b>AS</b> Asymmetric	<b>8</b> 80	<b>30</b> <b>40</b>	3000 K 4000 K	<b>N</b> ON/OFF <b>B</b> Black 06
BZ1	SF	100	L0	SY	8	30	N	B

**BAZZ AIR WALL WASHER**

Family	Installation	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>BZ1</b>	<b>SF</b> Surface	<b>100</b> 1008mm <b>200</b> 2001mm	<b>M0</b> 4200lm	<b>WW</b> Wall Washer	<b>8</b> 80	<b>30</b> <b>40</b>	3000 K 4000 K	<b>N</b> ON/OFF <b>B</b> Black 06
BZ1	SF	100	M0	WW	8	30	N	B

**BAZZ AIR OPAL**

Family	Installation	Format	Lm LED	Optic	CRI	K	Gear	Finishes
<b>BZ1</b>	<b>SF</b> Surface	<b>100</b> 1008mm <b>200</b> 2001mm	<b>M0</b> 4200lm	<b>OP</b> Opal	<b>8</b> 80	<b>30</b> <b>40</b>	3000 K 4000 K	<b>N</b> ON/OFF <b>B</b> Black 06
BZ1	SF	100	M0	OP	8	30	N	B

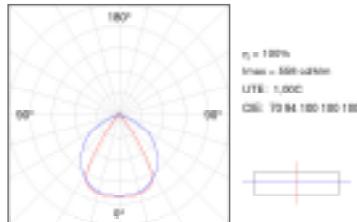




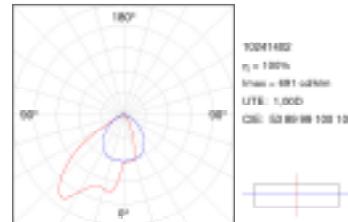
## TECHNICAL CHARACTERISTICS

## Optics

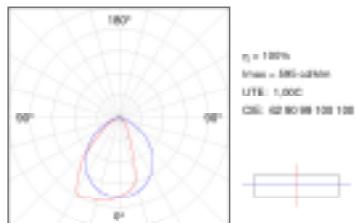
## SYMMETRIC



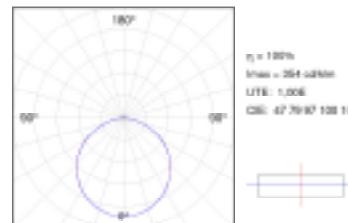
## ASYMMETRIC



## WALL WASHER



## OPAL



## Light output and power

## BAZZ

LO	SY	1000lm		2000lm	
		K	CRI	W	lm Output
LO	SY	3000	80	19	2010
		4000	80	19	2111
AS	SY	3000	80	19	1945
		4000	80	19	2043
MO	SY	3000	80	37	4020
		4000	80	37	4221
AS	SY	3000	80	37	2891
		4000	80	37	4089
WW	SY	3000	80	37	2526
		4000	80	37	2652
OP	SY	3000	80	31	1490
		4000	80	31	1565
				63	2980
				63	3129

## ACCESSORIES

## Continuous line joint



Ref.

BZJ0

## Height-adjustable steel cable 1 unit. / ref. Are needed 2 unit. / lum.



Ref.

SUWIDE1000G  
SUWIDE4000G

mm

1000  
4000

## BAZZ aluminium clamps for Ø 120-130mm pole



Ref.

BZSFCL1  
BZSFCL2

Color

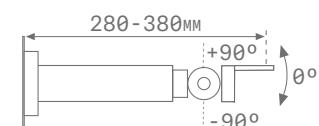
● 1,65 1 Bazz  
● 2,20 2 Bazz

## Adjustable and extensible wall bracket 2 unit. / ref.



Ref.

ARROEX40G





Duit



## Configuration

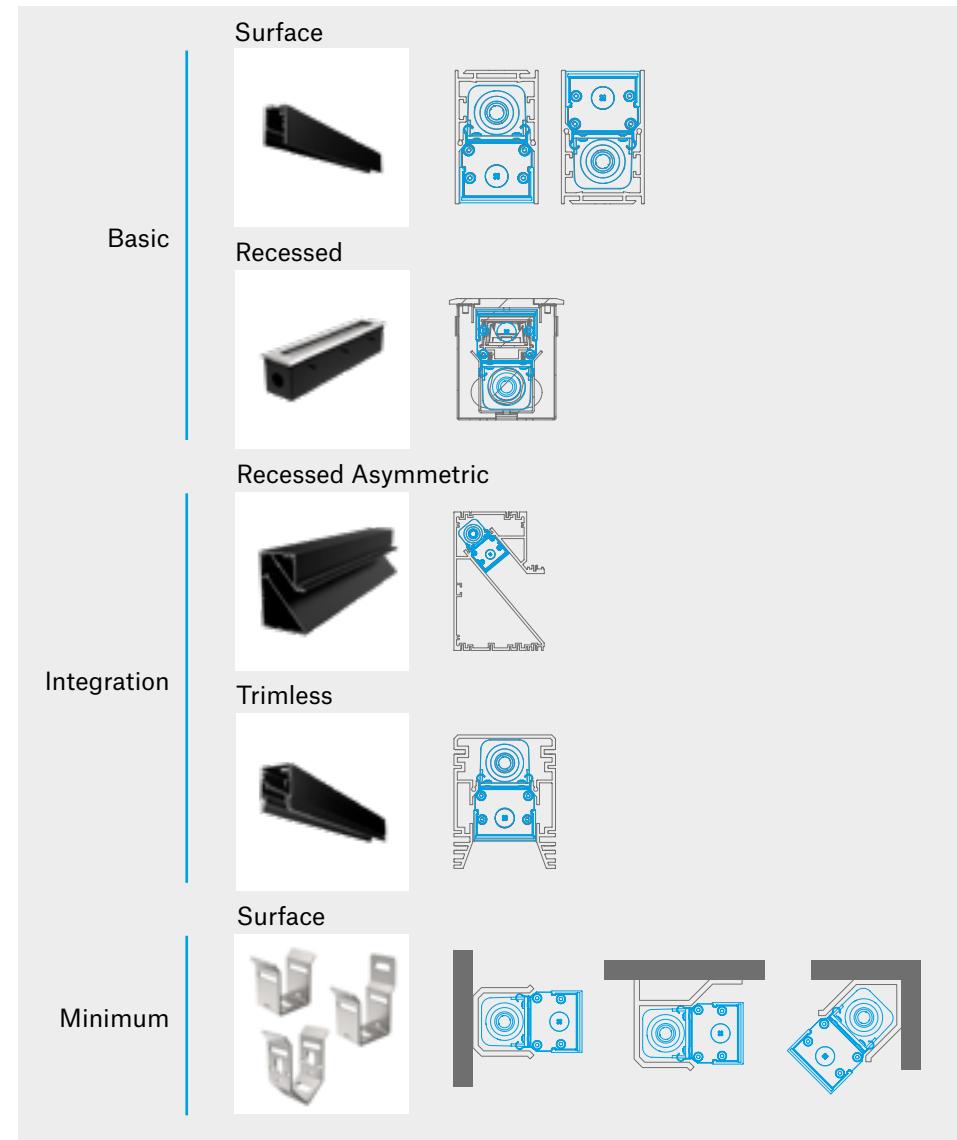
## 1. Light Engine



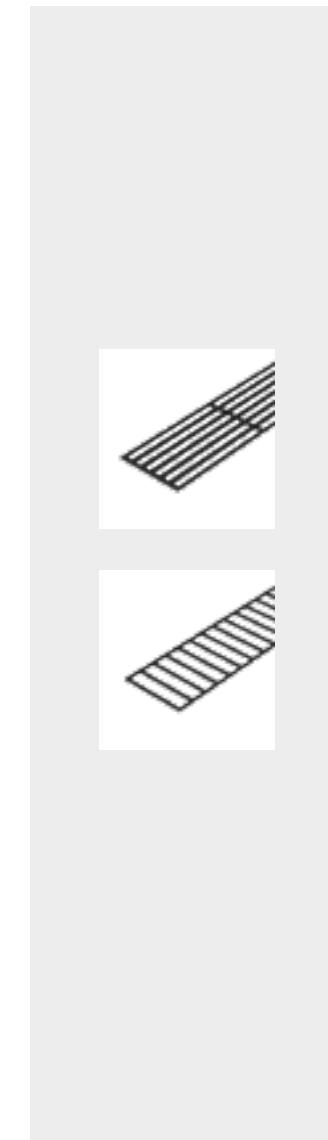
Driver



## 2. Installation accessories

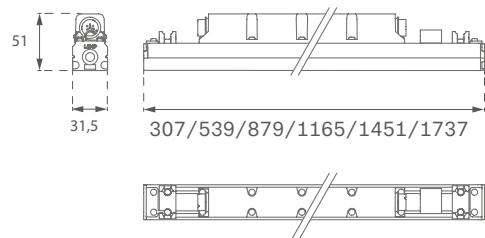


## 3. Optic Accessories

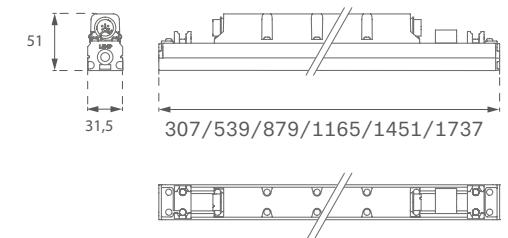




## Duit Light Engine Ambient



## Duit Light Engine



### DUIT LIGHT ENGINE AMBIENT

Family	Installation	Format	Lm LED/m	Optic	CRI	K	Gear	Finishes
<b>DT1</b>	SF Surface	<b>300</b> 300mm	<b>A0</b> 1000lm	WF Wide Flood	<b>8</b> 80	<b>27</b> 2700 K	<b>0</b> 0	<b>B</b> Black 06
		<b>600</b> 600mm		WW Wall Washer		<b>30</b> 3000 K		
		<b>900</b> 900mm		GZ Grazer		<b>40</b> 4000 K		
		<b>120</b> 1200mm		OP Opal				
		<b>150</b> 1500mm		GZ Grazer	<b>8</b> 80	<b>A</b> Amber		
		<b>180</b> 1800mm		WW Wall Washer				
				WF Wide Flood	<b>8</b> 80	<b>TW</b> Tunable White		
<b>DT1</b>	<b>SF</b>	<b>300</b>	<b>A0</b>	WF	<b>8</b>	<b>27</b>	<b>0</b>	<b>B</b>

### DUIT LIGHT ENGINE

Family	Installation	Format	Lm LED/m	Optic	CRI	K	Gear	Finishes
<b>DT1</b>	SF Surface	<b>300</b> 300mm	<b>L0</b> 2160lm	WF Wide Flood	<b>8</b> 80	<b>27</b> 2700 K	<b>0</b> 0	<b>B</b> Black 06
		<b>600</b> 600mm		WW Wall Washer		<b>30</b> 3000 K		
		<b>900</b> 900mm		GZ Grazer		<b>40</b> 4000 K		
		<b>120</b> 1200mm		GZ Grazer	<b>8</b> 80	<b>A</b> Amber		
		<b>150</b> 1500mm		WW Wall Washer				
		<b>180</b> 1800mm		WF Wide Flood	<b>8</b> 80	<b>TW</b> Tunable White		
<b>DT1</b>	<b>SF</b>	<b>300</b>	<b>L0</b>	WF	<b>8</b>	<b>27</b>	<b>0</b>	<b>B</b>



## TECHNICAL CHARACTERISTICS

## Light output and power

**DUCT**

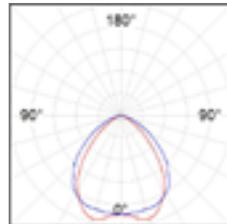
				300mm		600mm		900mm		1200mm		1500mm		1800mm	
		K	CRI	W	lm Output	W	lm Output	W	lm Output	W	lm Output	W	lm Output	W	lm Output
AO	WF	2700	80	1,3	102	2,6	204	3,9	306	5,2	408	6,5	510	7,8	612
		3000	80	1,3	105	2,6	209	3,9	314	5,2	418	6,5	523	7,8	627
		4000	80	1,3	111	2,6	221	3,9	332	5,2	442	6,5	553	7,8	663
		Amber	80	-	-	-	-	-	-	-	-	-	-	-	-
WW	WW	2700	80	1,3	96	2,6	193	3,9	289	5,2	386	6,5	482	7,8	578
		3000	80	1,3	100	2,6	199	3,9	299	5,2	398	6,5	498	7,8	597
		4000	80	1,3	105	2,6	210	3,9	315	5,2	420	6,5	525	7,8	630
		Amber	80	1,3	113	2,6	226	3,9	339	5,2	452	6,5	565	7,8	678
OP	OP	2700	80	1,3	95	2,6	191	3,9	286	5,2	382	6,5	477	7,8	573
		3000	80	1,3	97	2,6	195	3,9	292	5,2	390	6,5	487	7,8	585
		4000	80	1,3	103	2,6	206	3,9	309	5,2	412	6,5	515	7,8	619
		Amber	80	-	-	-	-	-	-	-	-	-	-	-	-
GZ	GZ	2700	80	1,3	120	2,6	240	3,9	360	5,2	480	6,5	600	7,8	720
		3000	80	1,3	123	2,6	246	3,9	369	5,2	492	6,5	615	7,8	738
		4000	80	1,3	130	2,6	260	3,9	390	5,2	520	6,5	650	7,8	780
		Amber	80	1,3	139	2,6	278	3,9	417	5,2	556	6,5	695	7,8	834
LO	WF	2700	80	3,3	291	6,6	581	9,9	872	13,2	1163	16,5	1454	19,8	1744
		3000	80	3,3	299	6,6	598	9,9	898	13,2	1197	16,5	1496	19,8	1795
		4000	80	3,3	316	6,6	632	9,9	949	13,2	1265	16,5	1581	19,8	1897
		TW	-	-	-	-	-	-	-	-	-	-	-	-	-
WW	WW	2700	80	3,3	279	6,6	558	9,9	837	13,2	1115	16,5	1394	19,8	1673
		3000	80	3,3	287	6,6	574	9,9	860	13,2	1147	16,5	1434	19,8	1721
		4000	80	3,3	316	6,6	632	9,9	949	13,2	1265	16,5	1581	19,8	1897
		Amber	80	3,3	317	6,6	634	9,9	950	13,5	1267	16,5	1584	19,8	1901
GZ	GZ	2700	80	3,3	342	6,6	684	9,9	1026	13,2	1368	16,5	1710	19,8	2052
		3000	80	3,3	353	6,6	704	9,9	1056	13,2	1408	16,5	1760	19,8	2112
		4000	80	3,3	372	6,6	744	9,9	1116	13,2	1488	16,5	1860	19,8	2232
		Amber	80	3,3	390	6,6	780	9,9	1170	13,2	1560	19,5	1950	19,8	2340



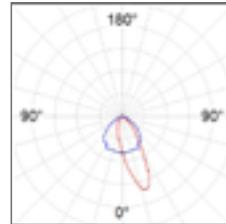
## TECHNICAL CHARACTERISTICS

## Optics

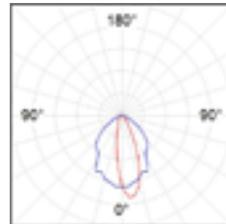
WF



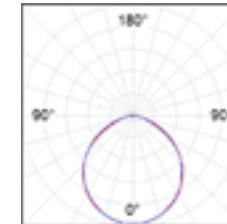
WW



GZ



OP



$\eta = 100\%$   
Imax = 480 cd/km  
UTE: 1,00C ± 0,00T  
CIE: 63 91 99 100 100

$\eta = 100\%$   
Imax = 1001 cd/km  
UTE: 1,00C ± 0,00T  
CIE: 67 92 99 100 100

$\eta = 100\%$   
Imax = 1108 cd/km  
UTE: 1,00B ± 0,00T  
CIE: 71 93 99 100 100

$\eta = 100\%$   
Imax = 390 cd/km  
UTE: 1,00D ± 0,00T  
CIE: 51 84 98 100 100



## BASIC INSTALLATION ACCESSORIES

## Surface basic profile



Ref.	Color
DTBASFPR600B	●
DTBASFPR900B	●
DTBASFPR1200B	●
DTBASFPR1500B	●
DTBASFPR1800B	●

## Indirect basic profile



Ref.	Color
DTBAIDPR600B	●
DTBAIDPR900B	●
DTBAIDPR1200B	●
DTBAIDPR1500B	●
DTBAIDPR1800B	●

## Recessed basic profile



Ref.	Color
DTBAREB0300I	●
DTBAREB0600I	●
DTBAREB01200I	●
DTBAREB01500I	●
DTBAREB01800I	●
DTBAREB01200I	●
DTBAREB01500I	●
DTBAREB01800I	●
DTBAREB02100I	●
DTBAREB0300I	●
DTBAREB0600I	●
DTBAREB0900I	●

## Surface end cover



Ref.
DTBASFBCB
DTBAIDCB

## Rigid suspension



Ref.
DTBASUG0100I

## Height-adjustable steel cable



Ref.
Direct:
F3SUWIDE1000G
F3SUWIDE4000G
Indirect:
DTBAIDSUWIDE1000G
DTBAIDSUWIDE4000G

## Intermediate joint



Ref.
DTBAJO

## Wall bracket union 2 unit. / ref.



Ref.
DTBAFX45

## Adjustable wall bracket 2 unit. / ref.



Ref.
DTBASUAJ50



## INTEGRATION PROFILE ACCESSORIES

## Trimless integration profile



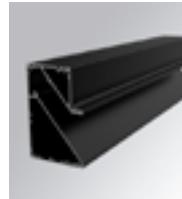
## Ref.

**DTBATRPR600B  
DTBATRPR900B  
DTBATRPR1200B  
DTBATRPR1500B  
DTBATRPR1800B**

## Color



## Asymmetric recessed integration profile



## Ref.

**DTBAASPR300B  
DTBAASPR600B  
DTBAASPR900B  
DTBAASPR1200B  
DTBAASPR1500B  
DTBAASPR1800B**

## Color



## Trimless end cover



## Ref.

**DTBATRCB**

## Recessed asymmetric end cover 2 unit. / ref.



## Ref.

**DTBAASRCB**

## Trimless intermediate joint



## Ref.

**DTBATRJO**

## Recessed asymmetric intermediate joint



## Ref.

**DTBAASJO**



## MINIMUM PROFILE ACCESSORIES

Corner anchor



Ref.

[DTFCRI](#)

Horizontal anchor



Ref.

[DTFSII](#)

Lateral anchor

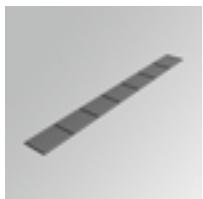


Ref.

[DTFXVI](#)

## OPTIC ACCESSORIES

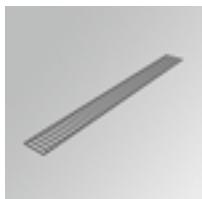
Horizontal anti-glare louvre



Ref.

[DTLOH300BK](#)  
[DTLOH600BK](#)  
[DTLOH900BK](#)  
[DTLOH1200BK](#)  
[DTLOH1500BK](#)  
[DTLOH1800BK](#)

Vertical anti-glare louvre



Ref.

[DTLOV300BK](#)  
[DTLOV600BK](#)  
[DTLOV900BK](#)  
[DTLOV1200BK](#)  
[DTLOV1500BK](#)  
[DTLOV1800BK](#)

## ACCESSORIES

Hose



Ref.

[WI2X1NG](#)Tunable White:  
[WI3X1NG](#)

Connector



Ref.

[CT3P67N](#)

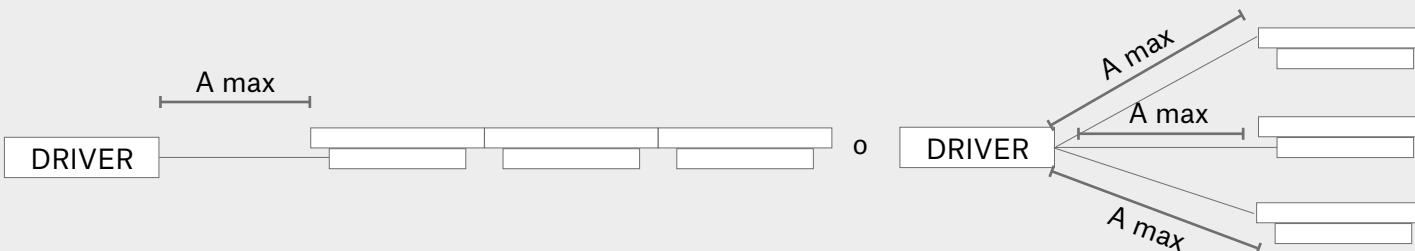


## INSTALLATION POSSIBILITIES

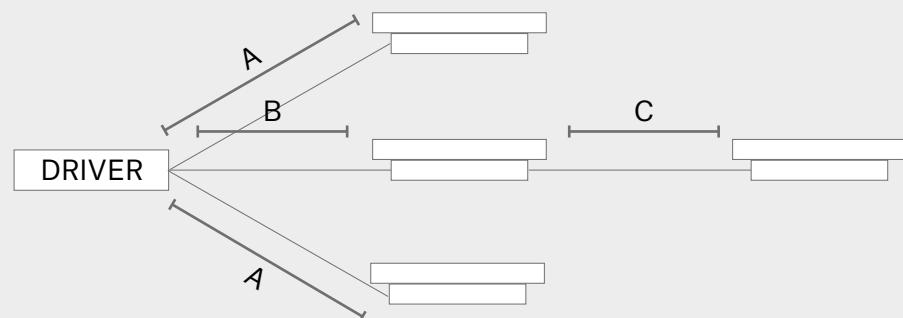
## 1. SERIAL NO CONTINUOUS LINE


$$A+B+C \leq \text{Maximum length}$$

## 2. IN SERIES, CONTINUOUS LINE OR IN PARALLEL


$$A \max \leq \text{Maximum length}$$

## 3. MIXED


$$\begin{aligned} A &\leq \text{Maximum length} \\ + \\ B+C &\leq \text{Maximum length} \end{aligned}$$

- Consult maximum lengths in the table on page. 436



## DRIVERS ON/OFF

## Power Supply ON/OFF



**Ref.**  
**DRV673024N**

## Power Supply ON/OFF



**Ref.**  
**DRV677524N**

## Power Supply ON/OFF



**Ref.**  
**DRV6710024N**

## DRIVERS DALI

## Power Supply DALI



**Ref.**  
**DRV679024D**

## Power Supply DALI



**Ref.**  
**DRV6712024D**

## Power Supply DALI



**Ref.**  
**DRV676024D**

## DRIVERS DALI-TW

## Power Supply DALI-TW



**Ref.**  
**DRV679624DT8**

## Power Supply DALI-TW



**Ref.**  
**DRV675024DT8**

## MAXIMUM ALLOWED DISTANCE

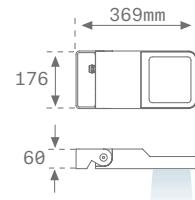
		MAXIMUM CONSUMPTION (W)	MAXIMUM LENGTH (M)
ON/OFF	<b>DRV673024N</b>	28 W	18 M
	<b>DRV677524N</b>	71 W	7 M
	<b>DRV6710024N</b>	95 W	5 M
DALI	<b>DRV676024D</b>	57 W	9 M
	<b>DRV679024D</b>	85 W	11 M
DALI-TW	<b>DRV6712024D</b>	114 W	5 M
	<b>DRV679624DT8</b>	90 W	5 M
	<b>DRV675024DT8</b>	44 W	12 M

- Choose the most restrictive value to size the number of controllers that power the luminaire configuration (either maximum consumption or length)

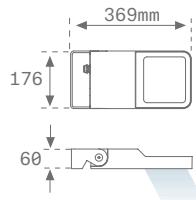


# Flut

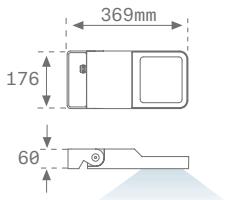
## Mini Flut Symmetric



## Mini Flut Asymmetric



## Mini Flut Street



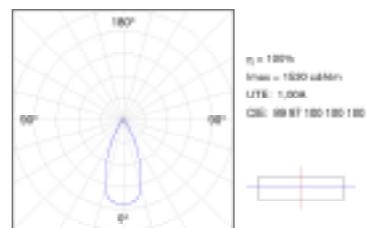
### MINI FLUT

Family	Lm LED	Optic	CRI	K	Gear	Finishes
<b>MF2</b>	35 3500lm	AS Asymmetric	8 80	30 3000 K	N ON/OFF	G Grey 03
	65 6500lm	SY Symmetric		40 4000 K		A Anthracite 01
<b>MF2</b>	35	AS	8	30	N	G

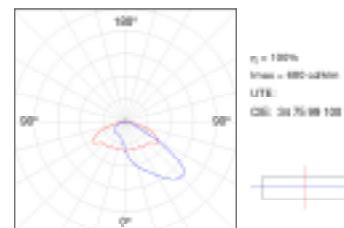
### TECHNICAL CHARACTERISTICS

#### Optics

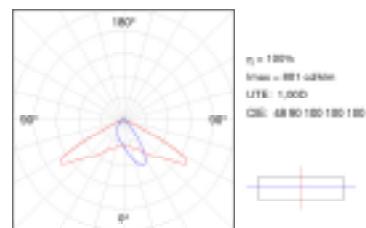
##### SYMMETRIC



##### ASYMMETRIC



##### STREET



#### Light output and power

##### MINI FLUT

	3500lm		6500lm			
	K	CRI	W	Im Output	W	Im Output
SY	3000	80	25,7	2937	25,7	4768
	4000	80	25,7	3092	25,7	5019
AS	3000	80	25,7	2460	25,7	4491
	4000	80	25,7	2589	25,7	4728
ST	3000	80	25,7	2672	25,7	4741
	4000	80	25,7	2813	25,7	4991



## ACCESSORIES

Anti-glare louvres Street



Ref.	Color
MFLOSTB	● Street

Anti-glare louvres Asymmetric

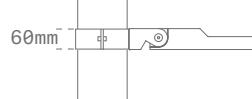


Ref.	Color
MFLOASB	● Asymmetric

Shot/Flut/Mini Flut aluminium clamps for ø120-130 mm pole



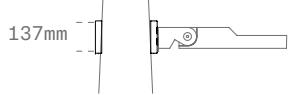
	Ref.	Color
1 lum.	COARIN120G COARIN120A	●
2 lum.	COARDB120G COARDB120A	●



Shot/Flut/Mini Flut aluminium fixing bracket for ø60-135 mm pole

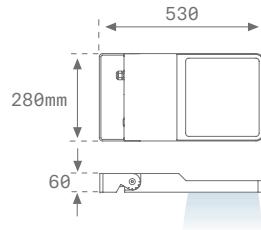


	Ref.	Color
1 lum.	COARIN060G COARIN060A	●

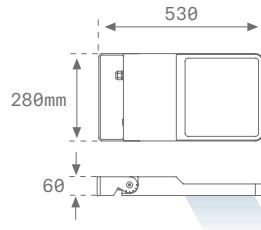




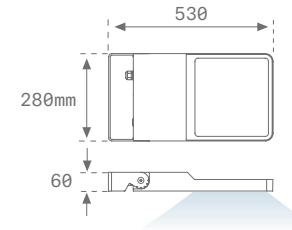
## Flut Symmetric



## Flut Asymmetric



## Flut Street



### FLUT

Family	Lm LED	Optic	CRI	K	Gear	Finishes
<b>FL2</b>	<b>09</b> 9300lm	<b>AS</b> Asymmetric	<b>8</b>	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>G</b> Grey 03
	<b>14</b> 14000lm	<b>SY</b> Symmetric		<b>40</b> 4000 K		<b>A</b> Anthracite 01
	<b>19</b> 18700lm	<b>ST</b> Street				

FL2    09                  AS                  8                  30                  N                  G

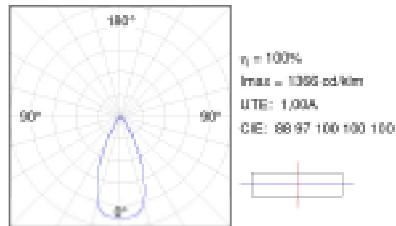




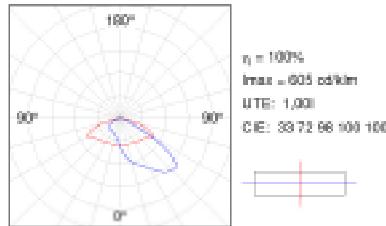
## TECHNICAL CHARACTERISTICS

## Optics

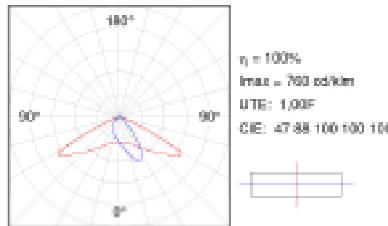
## SYMMETRIC



## ASYMMETRIC



## STREET



## Light output and power

## FLUT

	9300lm		14000lm		18700lm	
	K	CRI	W	lm Output	W	lm Output
SY	3000	80	64,9	8161	97,7	11833
	4000	80	64,9	8591	97,7	12455
AS	3000	80	64,9	7687	97,7	11608
	4000	80	64,9	8092	97,7	12219
ST	3000	80	64,9	8117	97,7	12039
	4000	80	64,9	8543	97,7	12673

## ACCESSORIES

Anti-glare louvres Street



Ref.	Color
FLLOSTB	● Street

Anti-glare louvres Asymmetric

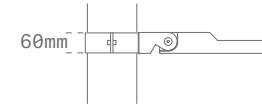


Ref.	Color
FLOAS1B	● Asymmetric 32/64 LED
FLOAS1B	● Asymmetric 18 LED

Shot/Flut/Mini Flut aluminium clamps for ø120-130 mm pole



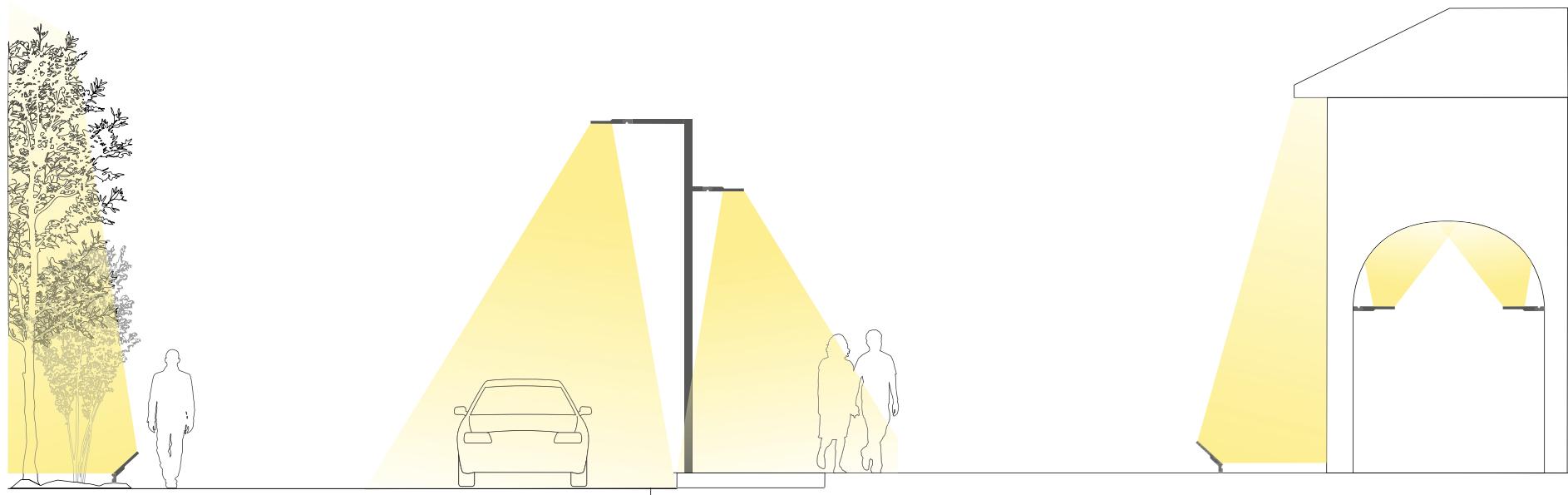
Ref.	Color
1 lum. COARIN120G COARIN120A	●
2 lum. COARDB120G COARDB120A	●



Shot/Flut/Mini Flut aluminium fixing bracket for ø60-135 mm pole



Ref.	Color
1 lum. COARIN060G COARIN060A	●

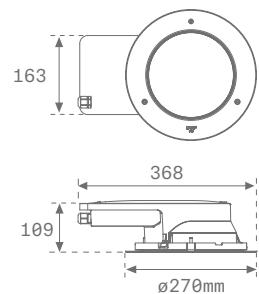




# Gap



## Gap



### GAP

Family	Lm LED	Optic	CRI	K	Gear	Finishes
<b>GA2</b>	<b>15</b> 1400lm	<b>SP</b> SP 11°	<b>8</b>	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>I</b> Inox 02
	<b>30</b> 2800lm	<b>MF</b> MFL 23°		<b>40</b> 4000 K		
	<b>35</b> 3600lm	<b>WF</b> WFL 46°				
GA2	15	SP	8	30	N	I

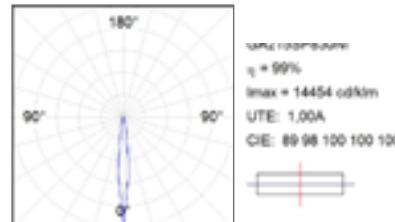




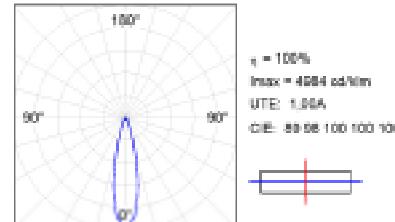
## TECHNICAL CHARACTERISTICS

## Optics

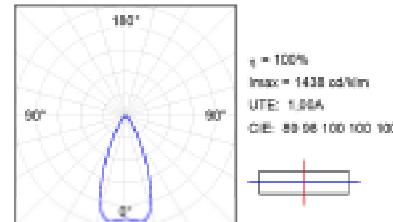
## SP 11°



## MFL 23°



## WFL 46°



## Light output and power

## GAP

	1400lm		2800lm		3600lm	
	K	CRI	W	lm Output	W	lm Output
SP 11°	3000	80	10	1130	20	2171
	4000	80	10	1130	20	2171
MFL 23°	3000	80	10	1081	20	2113
	4000	80	10	1081	20	2113
WFL 46°	3000	80	10	1092	20	2124
	4000	80	10	1092	20	2124

## ACCESSORIES

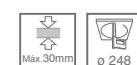
## Recessed ceiling ring and decorative frame



Ref.

GARERIRD

Pict.

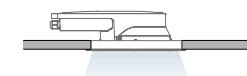
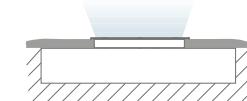
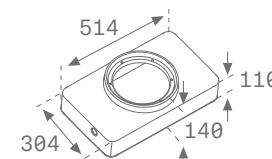


## Concrete recessing box



Ref.

GAREBOB

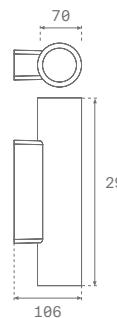




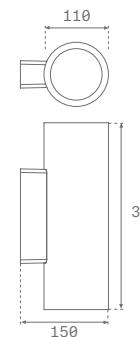
Lup

**Lup Ø70**

1000lm

**Lup Ø110**

3000lm

**LUP DIRECT**

Family	Diameter	Optic	Lm LED	Optic	K	Gear	Finishes
LW1	70 ø70mm	DR Direct	10 1000lm	AS Asymmetric	30 3000 K 40 4000 K	N ON/OFF	B Black 03
	110 ø100mm	DR Direct	30 3000lm	AS Asymmetric	40 4000 K	N ON/OFF	B Black 03
LW1	70	DR	10	AS	30	N	B

**LUP DIRECT-INDIRECT**

Family	Diameter	Optic	Lm LED	Optic	K	Gear	Finishes
LW1	70 ø70mm	DI Direct-Indirect	10 500+500lm	SP SP 10° MF MFL 38° WF WFL 60°	30 3000 K 40 4000 K	N ON/OFF	B Black 03
	110 ø100mm	DI Direct-Indirect	40 2000+2000lm	SP SP 16° FL FL 32° WF WFL 53°	40 4000 K	N ON/OFF	B Black 03
LW1	70	DI	10	SP	30	N	B

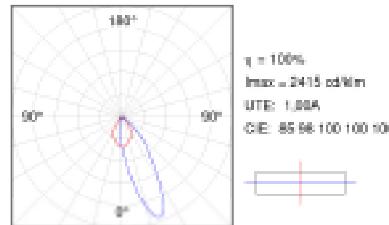




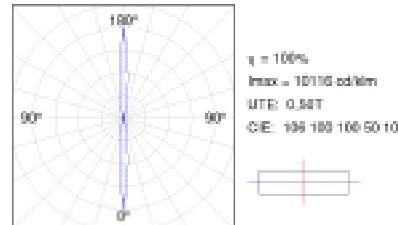
## TECHNICAL CHARACTERISTICS

## Optics

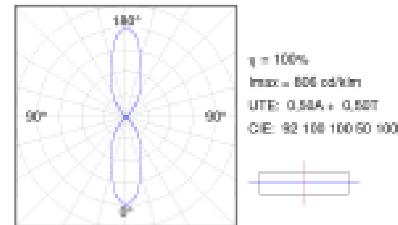
## AS



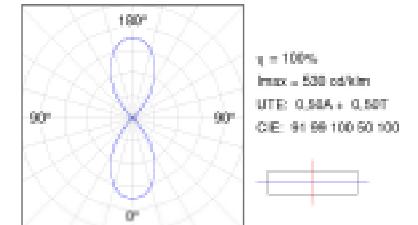
## SP 10°-16°



## MFL 38°



## WFL 53°-60°



## Light output and power

## LUP Ø70

1000lm

	K	CRI	W	lm Output
DIR	ASYM	3000	80	9 709
		4000	80	9 752

## LUP Ø110

3000lm

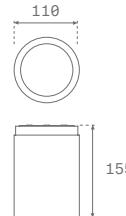
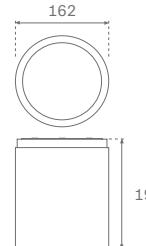
	K	CRI	W	lm Output
DIR	ASYM	4000	80	23 1313

500+500lm

	K	CRI	W	lm Output
DIR-	SP	3000	80	12 863
IND	10°	4000	80	12 928
	MFL	3000	80	8 1011
	38°	4000	80	8 1072
	WFL	3000	80	8 1031
	60°	4000	80	8 1093

2000+2000lm

	K	CRI	W	lm Output
DIR-	SP	4000	80	33 2510
IND	16°			
	MFL	4000	80	27 2886
	32°			
	WFL	4000	80	27 2930
	53°			

**Lup Downlight Ø110****Lup Downlight Ø162****LUP DOWNLIGHT**

Family	Diameter	Lm LED	Optic	K	Gear	Finishes
<b>LS1</b>	<b>110</b> ø110mm	<b>05</b> 500lm <b>10</b> 1000lm	<b>FL</b> FL 34° <b>WF</b> WFL 54°	<b>30</b> 3000 K <b>40</b> 4000 K	<b>N</b> ON/OFF	<b>B</b> Black 03
	<b>162</b> ø162mm	<b>30</b> 3000lm <b>40</b> 4000lm	<b>FL</b> FL 30° <b>WF</b> WFL 71°	<b>40</b> 4000 K	<b>N</b> ON/OFF	<b>B</b> Black 03
LS1	110	05	FL	30	N	B

**TECHNICAL CHARACTERISTICS**

## Light output and power

**LUP Ø110**

	500lm		1000lm			
	K	CRI	W	lm Output	W	lm Output
FL 34°	3000	80	5	640	8	1027
	4000	80	5	667	8	1070
WFL 54°	3000	80	5	665	8	1075
	4000	80	5	693	8	1120

**LUP Ø162**

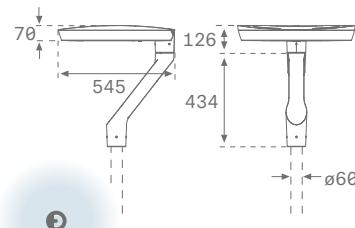
	3000lm		4000lm			
	K	CRI	W	lm Output	W	lm Output
FL 30°	4000	80	23	2305	30	3039
MFL 71°	4000	80	23	2551	30	3321



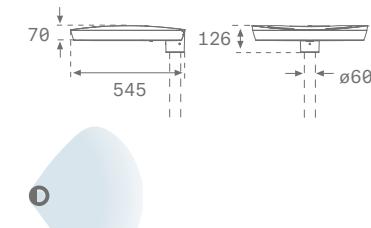


Niu

## Niu Symmetric



## Niu Street



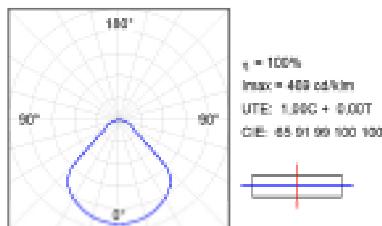
### NIU

Family	Lm LED	Class	Optic	CRI	K	Gear	Finishes
<b>NI1</b>	45 4500lm	1 I	SY Symmetric	7	70	40 4000 K	N ON/OFF G Grey 03
	90 9000lm	2 II	ST Street				
NI1	45	1	SY	7	40	N	G

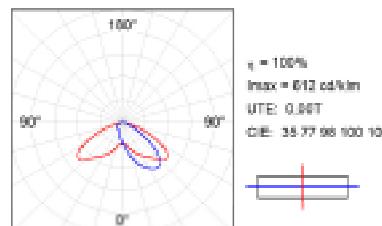
### TECHNICAL CHARACTERISTICS

#### Optics

##### SY



##### ST



#### Light output and power

##### NIU

	4500lm			9000lm		
	K	CRI	W	lm Output	W	lm Output
SY	4000	70	48	4068	93	8013
ST	4000	70	48	3439	93	6737

#### STREET



ACCESSORIES

Final arm ø60mm



Ref.

[NIARED60G](#)

Wall arm



Ref.

[NIAR650G](#)

Pole clamp 60-135mm



Ref.

[NIPOBR135G](#)

Pole adapter ø76mm



Ref.

[NIPOAD76G](#)

Semicurved pole bracket



Ref.

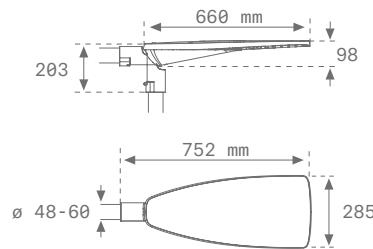
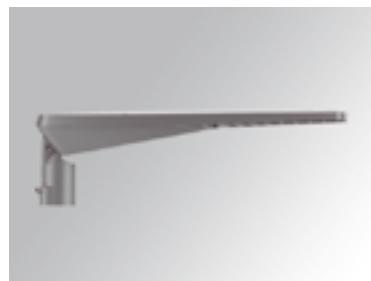
[NIPOBR48G](#)

ø48mm  
ø60mm



Owl

## Owl Street



### OWL

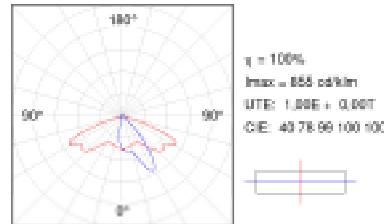
Family	Lm LED	Class	Optic	CRI	K	Gear	Finishes
<b>OW1</b>	<b>05</b> 4800lm	<b>1</b> I	<b>ST</b> Street	<b>8</b> 80	<b>40</b> 4000 K <b>30</b> 3000 K	<b>N</b> ON/OFF	<b>G</b> Grey 03
	<b>09</b> 8500lm	<b>1</b> I <b>2</b> II					
	<b>13</b> 12500lm	<b>1</b> I <b>2</b> II					
	<b>18</b> 17500lm	<b>1</b> I <b>2</b> II					
OW1	05	1	ST	8	40	N	G



## TECHNICAL CHARACTERISTICS

### Optics

#### ST



### Light output and power

#### OWL

ST	K	CRI	4800lm		8500lm		12500lm		17500lm	
			W	lm Output	W	lm Output	W	lm Output	W	lm Output
ST	3000	80	37,6	3871	68	7789	103	11228	135	14762
	4000	80	37,6	3871	68	7789	103	11228	135	14762

## ACCESSORIES

### OWL wall arm



Ref.

OWAR1000G

### Other optics possibility

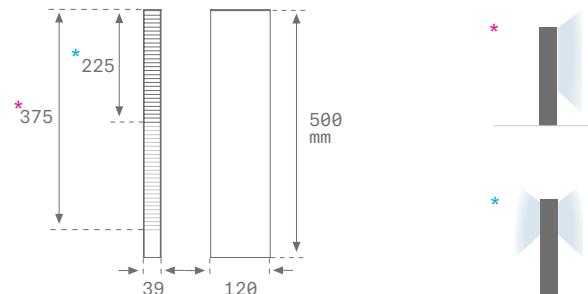




# Seti



## Seti Soft 500



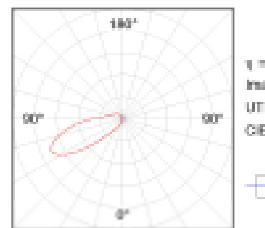
### SETI SOFT 500

Family	Dimension	Format	Lm LED	Optic	CRI	K	Gear	Finishes Ext.	Finishes
<b>SE1</b>	<b>050</b> 500mm	I Individual*	<b>02</b> 200lm	<b>S0</b> Soft	8	80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>B</b> Black 03
		D Double*	<b>03</b> 300lm					<b>A</b> Anthracite 01	<b>W</b> White
<b>SE1</b>	<b>050</b>	<b>I</b>	<b>02</b>	<b>S0</b>	8	<b>30</b>	<b>N</b>	<b>B</b>	<b>B</b> Black
									<b>W</b>

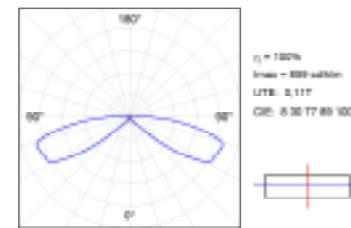
### TECHNICAL CHARACTERISTICS

#### Optics

##### SOFT 500 INDIVIDUAL



##### SOFT 500 DOUBLE



#### Light output and power

##### SOFT 500

200lm

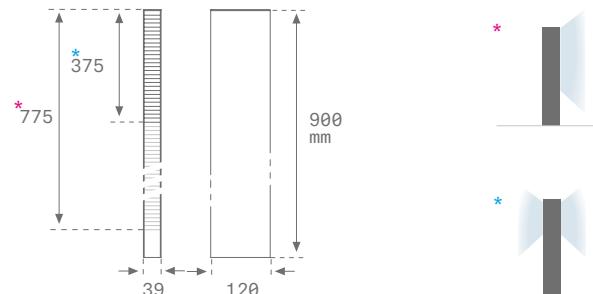
Format	Color	K	CRI	W	lm Output
IN	B/W	3000	80	3	19
	A/B	3000	80	3	39

300lm

Format	Color	K	CRI	W	lm Output
DB	B/W	3000	80	4	47
	A/B	3000	80	4	27



## Seti Soft 900



### SETI SOFT 900

Family	Dimension	Format	Lm LED	Optic	CRI	K	Gear	Finishes Ext.	Finishes
<b>SE1</b>	<b>090</b> 900mm	<b>I</b> Individual*	<b>05</b> 500lm	<b>S0</b> Soft	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>B</b> Black 03	<b>W</b> White
		<b>D</b> Double*						<b>A</b> Anthracite 01	<b>B</b> Black

SE1 090

I

05

S0

8

30

N

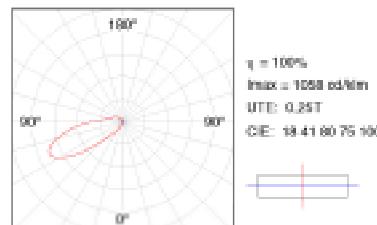
B

W

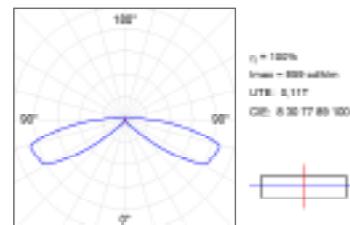
### TECHNICAL CHARACTERISTICS

#### Optics

##### SOFT 900 INDIVIDUAL



##### SOFT 900 DOUBLE



#### Light output and power

##### SOFT 900

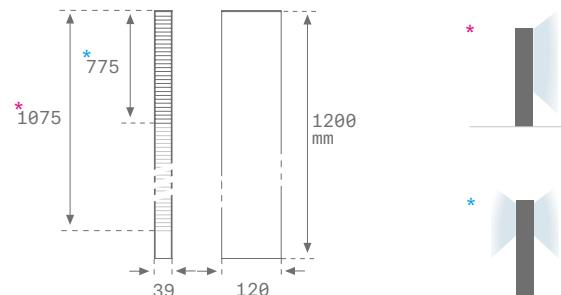
500lm

Format	Color	K	CRI	W	lm Output
IN	B/W	3000	80	6	83
	A/B	3000	80	6	41
DB	B/W	3000	80	6	82
	A/B	3000	80	6	47



## Seti

### Soft 1200



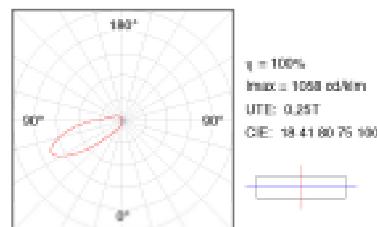
#### SETI SOFT 1200

Family	Dimension	Format	Lm LED	Optic	CRI	K	Gear	Finishes Ext.	Finishes
<b>SE1</b>	<b>120</b> 1200mm	I Individual*	<b>07</b> 700lm	<b>S0</b> Soft	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>B</b> Black 03	<b>W</b> White
		D Double*	<b>10</b> 1000lm					<b>A</b> Anthracite 01	<b>B</b> Black
SE1	120	I	07	S0	8	30	N	B	W

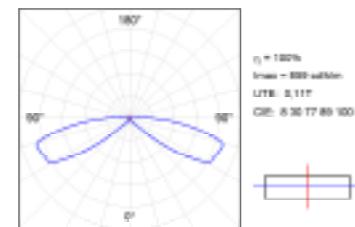
#### TECHNICAL CHARACTERISTICS

##### Optics

###### SOFT 1200 INDIVIDUAL



###### SOFT 1200 DOUBLE



##### Light output and power

###### SOFT 1200

700lm

Format	Color	K	CRI	W	lm Output
IN	B/W	3000	80	9	116
	A/B	3000	80	9	58

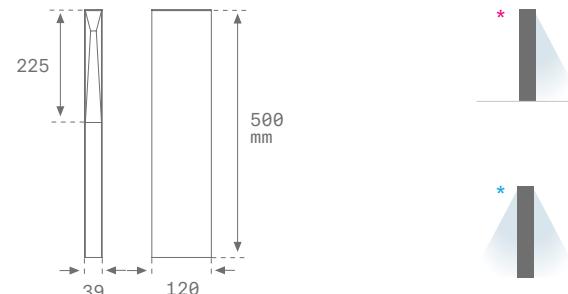
1000lm

Format	Color	K	CRI	W	lm Output
DB	B/W	3000	80	9	176
	A/B	3000	80	9	101



## Seti

### Spot 500



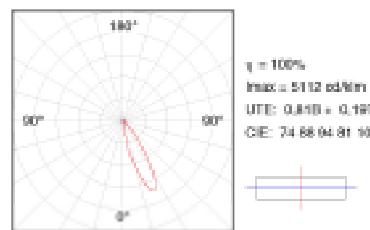
#### SETI SPOT 500

Family	Dimension	Format	Lm LED	Optic	CRI	K	Gear	Finishes Ext.	Finishes
<b>SE1</b>	<b>050</b> 500mm	I Individual*	<b>02</b> 200lm	SP Spot	8	80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>B</b> Black 03
		D Double*	<b>03</b> 300lm					<b>A</b> Anthracite 01	<b>W</b> White
<b>SE1</b>	<b>050</b>	<b>I</b>	<b>02</b>	<b>SP</b>	<b>8</b>	<b>30</b>	<b>N</b>	<b>B</b>	<b>B</b> Black
									<b>W</b>

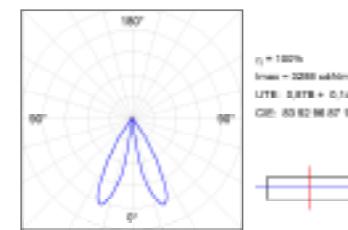
#### TECHNICAL CHARACTERISTICS

##### Optics

###### SPOT 500 INDIVIDUAL



###### SPOT 500 DOUBLE



##### Light output and power

###### SPOT 500

###### 200lm

Format	Color	K	CRI	W	lm Output
IN	B/W	3000	80	2	107
	A/B	3000	80	2	80

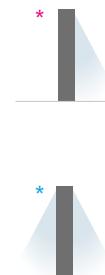
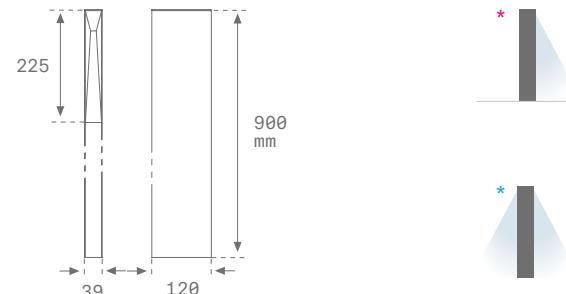
###### 300lm

Format	Color	K	CRI	W	lm Output
DB	B/W	3000	80	4	214
	A/B	3000	80	4	160



## Seti

### Spot 900



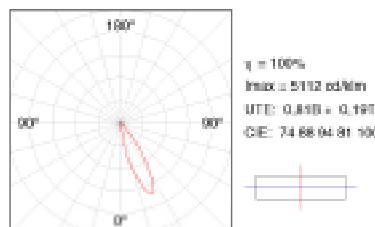
#### SETI SPOT 900

Family	Dimension	Format	Lm LED	Optic	CRI	K	Gear	Finishes Ext.	Finishes
<b>SE1</b>	<b>090</b> 900mm	I Individual*	<b>05</b> 500lm	SP Spot	8	80	<b>N</b> ON/OFF	<b>B</b> Black 03	<b>W</b> White
		D Double*	<b>05</b> 500lm					<b>A</b> Anthracite 01	<b>B</b> Black
<b>SE1</b>	<b>090</b>	I	<b>05</b>	SP	8	30	<b>N</b>	<b>B</b>	<b>W</b>

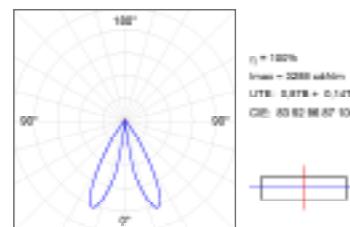
#### TECHNICAL CHARACTERISTICS

##### Optics

###### SPOT 900 INDIVIDUAL



###### SPOT 900 DOUBLE



##### Light output and power

###### SPOT 900

200lm

Format	Color	K	CRI	W	lm Output
IN	B/W	3000	80	2	107
	A/B	3000	80	2	80

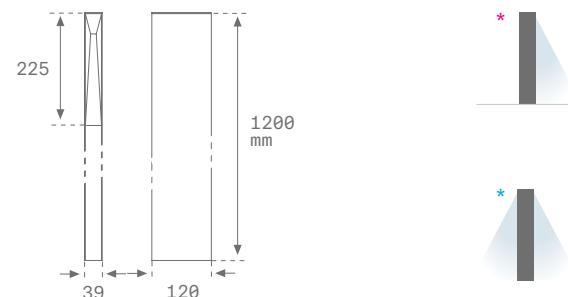
300lm

Format	Color	K	CRI	W	lm Output
DB	B/W	3000	80	4	214
	A/B	3000	80	4	160



## Seti

### Spot 1200



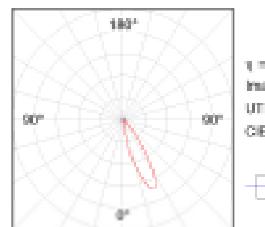
#### SETI SPOT 1200

Family	Dimension	Format	Lm LED	Optic	CRI	K	Gear	Finishes Ext.	Finishes
<b>SE1</b>	<b>120</b> 1200mm	I Individual*	<b>07</b> 700lm	SP Spot	8	80	N ON/OFF	B Black	W White
		D Double*	<b>10</b> 1000lm					A Anthracite	B Black
SE1	120	I	07	SP	8	30	N	B	W

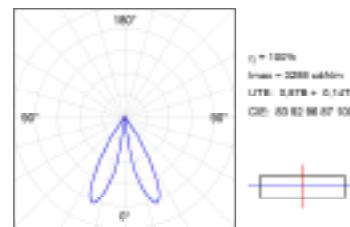
#### TECHNICAL CHARACTERISTICS

##### Optics

###### SPOT 1200 INDIVIDUAL



###### SPOT 1200 DOUBLE



##### Light output and power

###### SPOT 1200

200lm

Format	Color	K	CRI	W	lm Output
IN	B/W	3000	80	2	107
	A/B	3000	80	2	80

300lm

Format	Color	K	CRI	W	lm Output
DB	B/W	3000	80	4	214
	A/B	3000	80	4	160

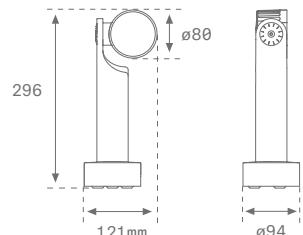




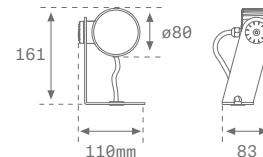
# Shot



## Micro Shot ON/OFF



## Micro Shot NO GEAR



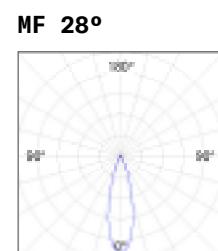
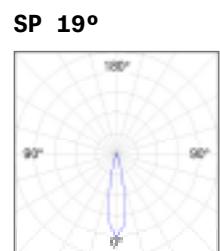
Ref: DRV6721700N

### MICRO SHOT

Family	Lm LED	Optic	CRI	K	Gear	Finishes
<b>MC2</b>	<b>09</b> 900lm	<b>SP</b> SP 19°	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>G</b> Grey 03
		<b>MF</b> MFL 28°		<b>40</b> 4000 K	<b>Ø</b> NO GEAR	<b>A</b> Anthracite 01
MC2	09	SP	8	30	N	G

### TECHNICAL CHARACTERISTICS

#### Optics



#### Light output and power

##### MICRO SHOT

900lm			
	K	CRI	W
SP	3000	80	6
19°	4000	80	6
MFL	3000	80	6
28°	4000	80	6
			720
			609





## ACCESSORIES

### Anti-glare screen



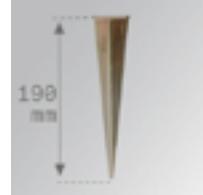
Ref.

MCSC82B

Color



### Spike



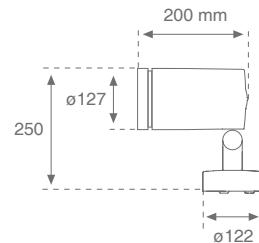
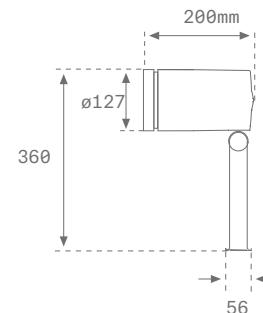
Ref.

MCSPE

Color



- **Bichromatized anticorrosive treatment**

**Mini Shot****Mini Shot  
Bracket****Mini Shot  
Pole****MINI SHOT**

Family	Lm LED	Optic	CRI	K	Gear	Finishes
MN2	<b>15</b> 1500lm	SP SP 11°	<b>8</b> 80	<b>30</b> 3000 K	N ON/OFF	G Grey 03
	<b>30</b> 2900lm	MF MFL 24°		<b>40</b> 4000 K		A Anthracite 01
	<b>40</b> 3800lm					
MN2	<b>15</b>	SP	<b>8</b>	<b>30</b>	N	G

**MINI SHOT BRACKET**

Family	Installation	Lm LED	Optic	CRI	K	Gear	Finishes
MN2	<b>BR</b> Bracket	<b>15</b> 1500lm	SP SP 11°	<b>8</b> 80	<b>30</b> 3000 K	N ON/OFF	G Grey 03
		<b>30</b> 2900lm	MF MFL 24°		<b>40</b> 4000 K		A Anthracite 01
		<b>40</b> 3800lm					
MN2	<b>BR</b>	<b>15</b>	SP	<b>8</b>	<b>30</b>	N	G

**MINI SHOT POLE**

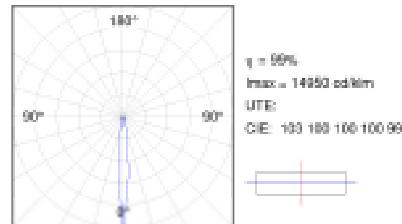
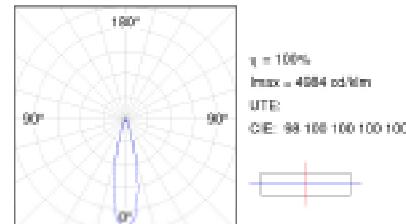
Family	Installation	Lm LED	Optic	CRI	K	Gear	Finishes
MN2	<b>BJ</b> Pole	<b>15</b> 1500lm	SP SP 11°	<b>8</b> 80	<b>30</b> 3000 K	N ON/OFF	G Grey 03
		<b>30</b> 2900lm	MF MFL 24°		<b>40</b> 4000 K		A Anthracite 01
		<b>40</b> 3800lm					
MN2	<b>BJ</b>	<b>15</b>	SP	<b>8</b>	<b>30</b>	N	G





## TECHNICAL CHARACTERISTICS

## Optics

**SP 11°****MFL 24°**

## Light output and power

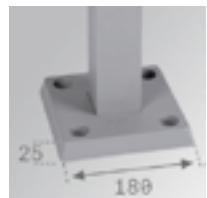
**MINI SHOT**

	1500lm		2900lm		3800lm	
	K	CRI	W	lm Output	W	lm Output
SP 11°	3000	80	10	1146	20	2215
	4000	80	10	1146	20	2215
MFL 24°	3000	80	10	1097	20	2155
	4000	80	10	1097	20	2155
				30	3032	30
				30	3032	30
				30	2937	30
				30	2937	30



## ACCESSORIES

Aluminium pole (60x60 mm)



Lm	Ref.	Color	Fig.	Minishot	Pict.
1	MSP01000G	●	1/2	1 o 2	
1	MSP01000A	●	1/2	1 o 2	
2,5	MSP02500G	●	3/4	1 o 2	
2,5	MSP02500A	●	3/4	1 o 2	

Fixation pattern for anchoring pole



Ref.	Color
MSFTSQG	●

M8 concrete anchorage



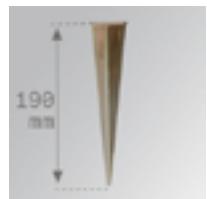
Ref.	Color
MSFIC	●

1m wall bracket



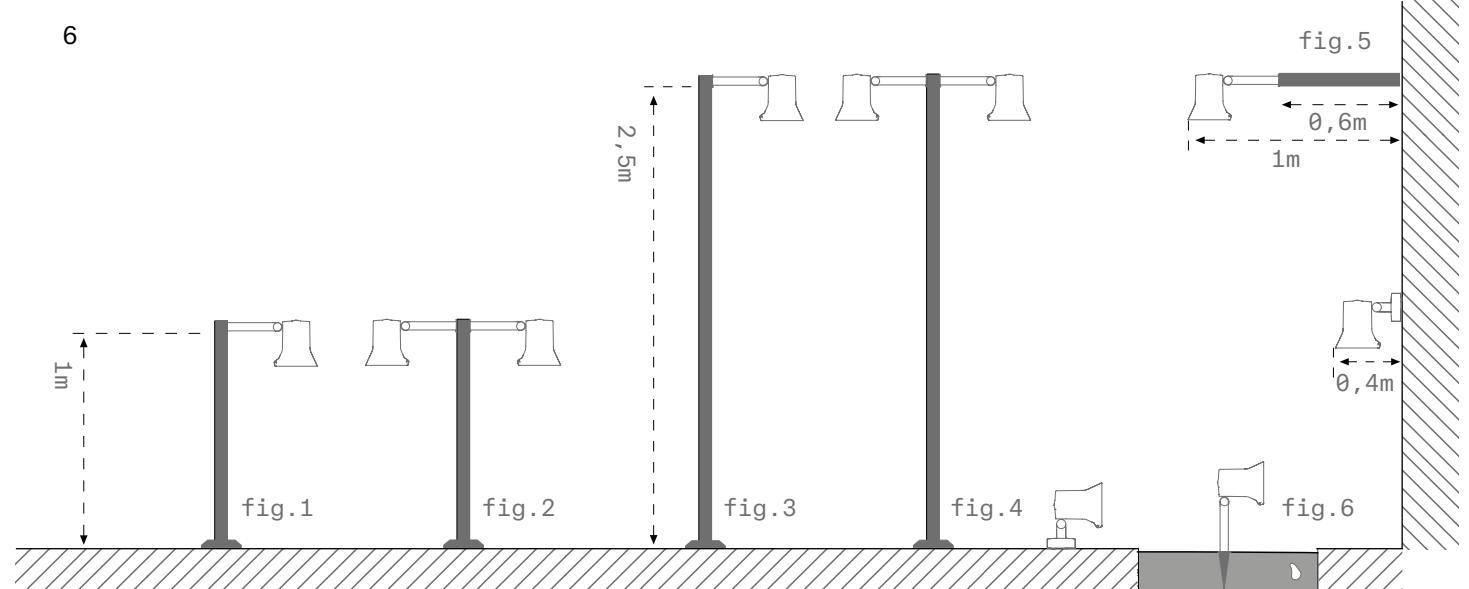
Ref.	Color	Fig.
MSAR1000G	●	5
MSAR1000A	●	5

Spike

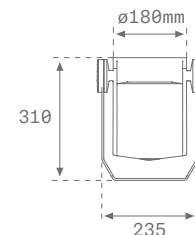


Ref.	Color	Fig.
MSSPM	●	6

● Bichromatized anticorrosive treatment



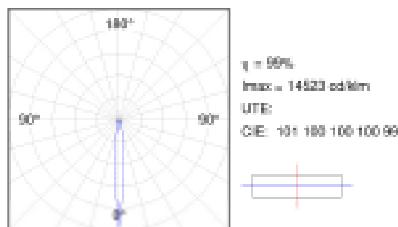
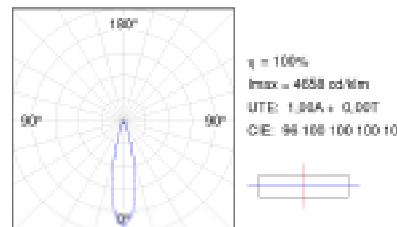
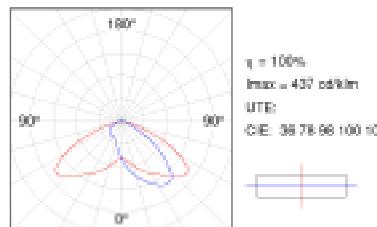
**Shot**  
SP/MFL

**Shot**  
Street
**SHOT**

Family	Lm LED	Optic	CRI	K	Gear	Finishes
<b>SH2</b>	<b>50</b> 5000lm	<b>SP</b> SP 11°	<b>8</b> 80	<b>30</b> 3000 K	<b>N</b> ON/OFF	<b>G</b> Grey 03
	<b>70</b> 7200lm	<b>MF</b> MFL 23°-24°		<b>40</b> 4000 K		<b>A</b> Anthracite 01
	<b>50</b> 5000lm	<b>ST</b> STREET	<b>8</b> 80	<b>40</b> 4000 K	<b>N</b> ON/OFF	<b>G</b> Grey 03
	<b>70</b> 7200lm					<b>A</b> Anthracite 01
<b>SH2</b>	<b>50</b>	<b>SP</b>	<b>8</b>	<b>30</b>	<b>N</b>	<b>G</b>

## TECHNICAL CHARACTERISTICS

## Optics

**SP 11°****MFL 23°-24°****STREET**

## Light output and power

**SHOT**

	5000lm			7200lm		
	K	CRI	W	lm Output	W	lm Output
<b>SP</b>	3000	80	37	4127	56	5419
	4000	80	37	4127	56	5419
<b>MFL</b>	3000	80	37	4112	56	5396
	4000	80	37	4112	56	5396
<b>ST</b>	4000	80	37	3850	56	5050





## ACCESSORIES

## Anti-glare screen



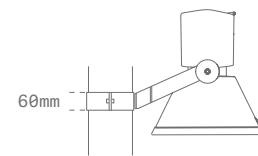
Ref. **SHSC184B** Color ●

## Shot LED System

## SHOT / FLUT aluminium clamp for ø120-130 mm pole



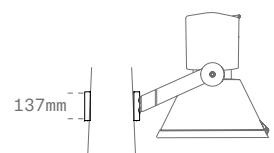
1 spot	Ref. <b>COARIN120G</b>	Color ●
1 spot	Ref. <b>COARIN120A</b>	Color ●
2 spot	Ref. <b>COARDB120G</b>	Color ●
2 spot	Ref. <b>COARDB120A</b>	Color ●



## SHOT /FLUT aluminium fixing bracket for ø60-135 mm pole

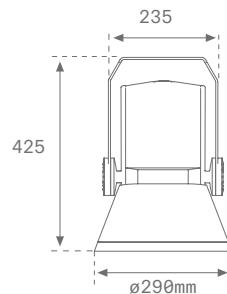


1 spot	Ref. <b>COARIN060G</b>	Color ●
1 spot	Ref. <b>COARIN060A</b>	Color ●

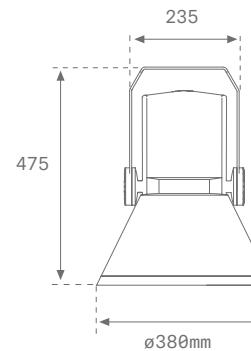




## Shot 290



## Shot 380



### SHOT 290

Family	Format	Lm LED	Optic	CRI	K	Gear	Finishes
SH2	29 ø290	65 6500lm	SP SP 11° MF MFL 24° ST STREET	8 80	30 3000K 40 4000K	N ON/OFF	G Grey 03
SH2	29	65	SP	8	30	N	G

### SHOT 380

Family	Format	Lm LED	Optic	CRI	K	Gear	Finishes
SH2	38 ø380	07 7000lm 11 10500lm	SP SP 11° MF MFL 24° ST STREET	8 80	30 3000K 40 4000K	N ON/OFF	G Grey 03
SH2	38	07	SP	8	30	N	G

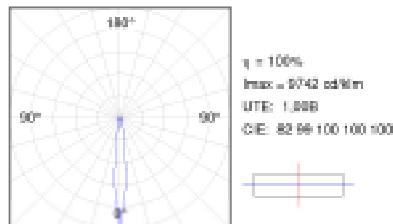




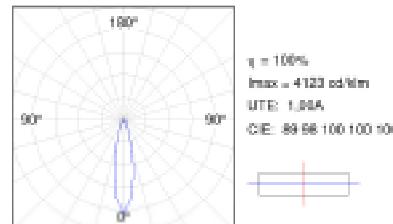
## TECHNICAL CHARACTERISTICS

## Optics

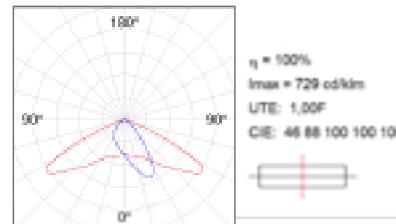
## SP 12°



## MFL 22°-23°



## STREET



## Light output and power

## SHOT 290

6500lm

	K	CRI	W	Im Output
SP 11°	3000	80	48	4011
	4000	80	48	4223
MFL 24°	3000	80	48	4068
	4000	80	48	4282
ST	3000	80	48	4179
	4000	80	48	4400

## SHOT 380

7000lm

10500lm

	K	CRI	W	Im Output	W	Im Output
SP 11°	3000	80	51,1	4721	82,5	7003
	4000	80	51,1	4970	82,5	7372
MFL 24°	3000	80	51,1	4788	82,5	7102
	4000	80	51,1	5040	82,5	7475
ST	3000	80	51,1	5179	82,5	7682
	4000	80	51,1	4920	82,5	7297

## ACCESSORIES

## 290 circular anti-glare



Ref.

SH29SC297B

Color



● Non-compatible with road models

## 380 circular anti-glare



Ref.

SH38SC381B

Color



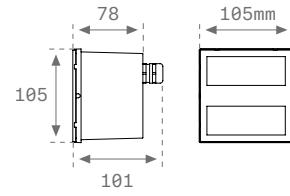
● Non-compatible with road models



## Trace IP65



**Trace IP65**  
100 Symmetric



**TRACE IP65 100 SY**

Family	Dimension	Format	Lm LED	IP	Optic	CRI	K	Gear	Finishes
TC1	10 100mm	H Horizontal	01 150lm	65 65	SY Symmetric	8 80	30 3000 K	N ON/OFF	B Black 07
TC1	10	H	01	65	SY	8	30	N	B

**TRACE IP65 200 AS**

Family	Dimension	Format	Lm LED	IP	Optic	CRI	K	Gear	Finishes
TC1	20 200mm	H Horizontal	02 150lm	65 65	AS Asymmetric	8 80	30 3000 K	N ON/OFF	B Black 07
TC1	20	H	02	65	AS	8	30	N	B

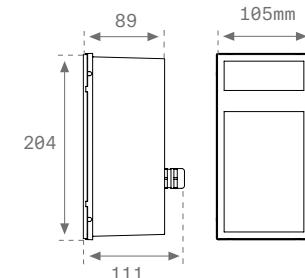
**TRACE IP65 200 SY**

Family	Dimension	Format	Lm LED	IP	Optic	CRI	K	Gear	Finishes
TC1	20 200mm	V Vertical	02 300lm	65 65	SY Symmetric	8 80	30 3000 K	N ON/OFF	B Black 07
TC1	20	V	02	65	SY	8	30	N	B

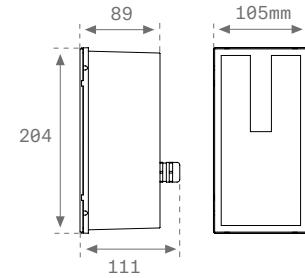
●Mandatory accessory



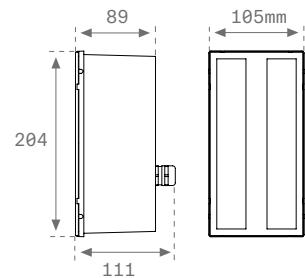
**Trace IP65**  
200 Asymmetric



**Trace IP65**  
200 Asymmetric



**Trace IP65**  
200 Symmetric

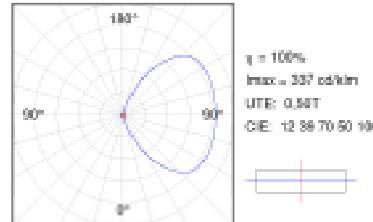




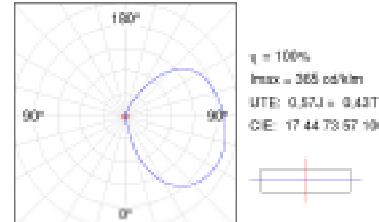
## TECHNICAL CHARACTERISTICS

## Optics

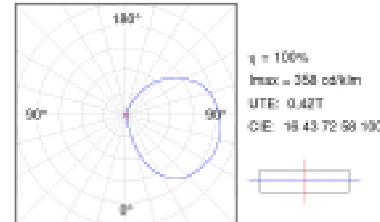
## 100 SY



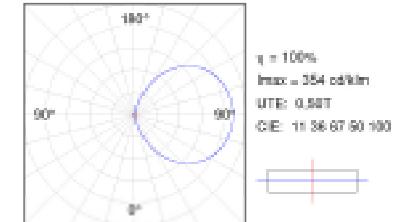
## 200 AS H



## 200 AS V



## 200 SY



## Light output and power

## 100 SY

SY	150lm				
	K	CRI	W	lm Output	
SY	3000	80	1	68	

## 200 AS H/V

AS H	150lm				
	K	CRI	W	lm Output	
AS H	3000	80	1	92	
AS V	3000	80	1	94	

## 200 SY

SY	300lm				
	K	CRI	W	lm Output	
SY	3000	80	3	156	

## ACCESSORIES

## TRACE 65 100 recessed box



Ref.  
[TCREB065100](#)

Color

## TRACE 65 200 recessed box



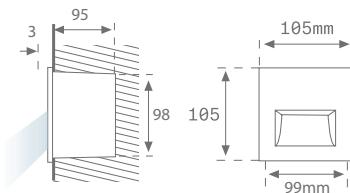
Ref.  
[TCREB065200](#)

Color



# Urban 100 Urban 65

## Urban 100



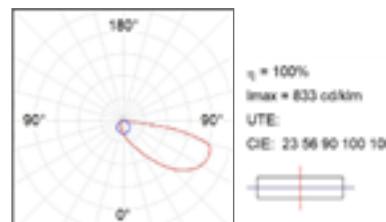
### URBAN 100

Family	Formats	Lm LED	Optic	IP	CRI	K	Gear	Finishes
<b>UR1</b>	<b>SQ</b> Square	<b>04</b> 400lm	<b>AS</b> Asymmetric	<b>67</b> 65	<b>9</b> 90	<b>27</b> 2700 K <b>40</b> 4000 K	<b>N</b> ON/OFF	<b>G</b> Grey 03
UR1	SQ	04	AS	67	9	27	N	G

### TECHNICAL CHARACTERISTICS

#### Optics

##### URBAN 100

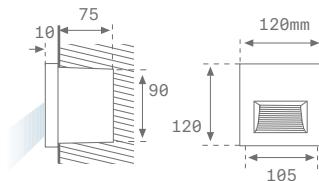


#### Light output and power

##### URBAN 100

400lm			
K	CRI	W	lm Output
2700	90	1,7	113
4000	90	1,7	113

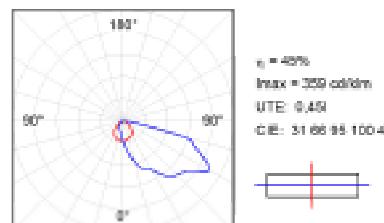


**Urban 65**

Recessing box included

**URBAN 65**

Family	Formats	Lm LED	CRI	K	Gear	Finishes
<b>UR1</b>	<b>12</b> 120mm	<b>03</b> 500lm	<b>8</b> 80	<b>27</b> 2700 K <b>40</b> 4000 K	<b>N</b> ON/OFF	<b>G</b> Grey 03
UR1	12	03	8	27	N	G

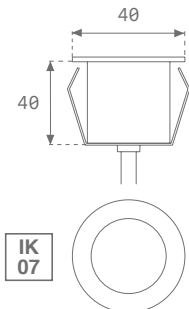
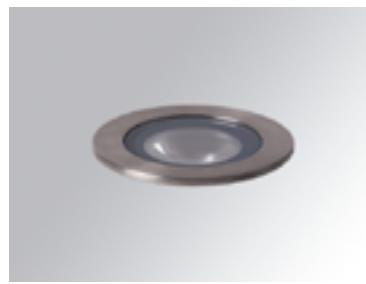
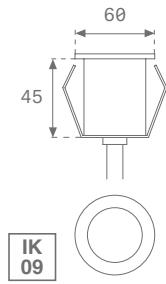
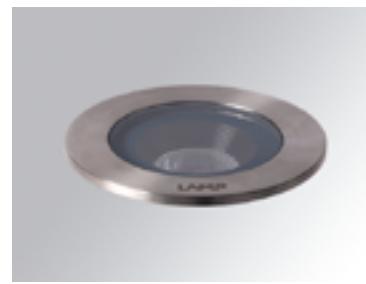
**TECHNICAL CHARACTERISTICS****Optics****Light output and power****URBAN 65**

500lm			
K	CRI	W	lm Output
2700	80	5	64
4000	80	5	64





# Xtrema

**Xtrema**  
40

**Xtrema**  
60
**XTREMA**

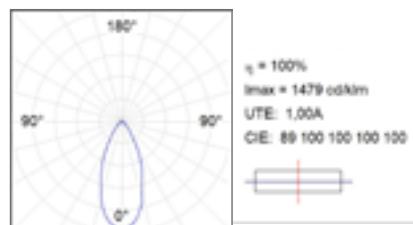
Family	Format	Lm LED	IP	Optic	CRI	K	Gear	Finishes
XT2	40 40mm	01 100lm	67 IP67	WF WFL	8 80	30 3000 K	0 Not Included	I Inox
	60 60mm	03 300lm				40 4000 K		

● Driver 24V

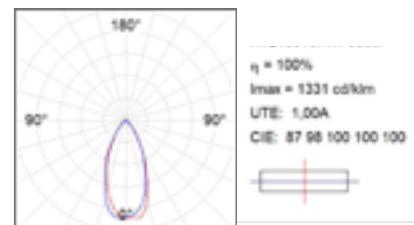
## TECHNICAL CHARACTERISTICS

## Optics

## XTREMA 40



## XTREMA 60



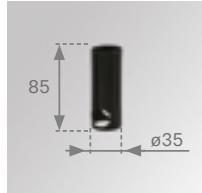
## Light output and power

## XTREMA

		100lm		300lm	
K	CRI	W	lm Output	W	lm Output
3000	80	1	85	3	174
4000	80	1	85	3	174

## ACCESSORIES

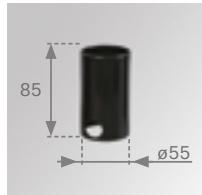
Xtrema 40 recessing box



Ref.

X4B036B

Xtrema 60 recessing box



Ref.

X6B056B

IP67 4 poles connector



Ref.

CT4P67N

IP67 Driver



Ref.

DRV6710024N  
DRV6710024D



# **General Acc. Outdoor**



## URBAN SYSTEM

### Shot/Flut short individual final arm



Ref.	Color	ømm	fig.
COARSHIN60G	●	60	1
COARSHIN60A	●	60	1
COARSHIN76G	●	76	1
COARSHIN76A	●	76	1

### Shot/Flut long individual final arm



Ref.	Color	ømm	fig.
COARLOIN60G	●	60	3
COARLOIN60A	●	60	3
COARLOIN76G	●	76	3
COARLOIN76A	●	76	3

### Shot/Flut short double final arm



Ref.	Color	ømm	fig.
COARSHDB60G	●	60	2
COARSHDB60A	●	60	2
COARSHDB76G	●	76	2
COARSHDB76A	●	76	2

### Shot/Flut long double final arm



Ref.	Color	ømm	fig.
COARLODB60G	●	60	4
COARLODB60A	●	60	4
COARLODB76G	●	76	4
COARLODB76A	●	76	4

### Shot/Flut short individual intermediate arm



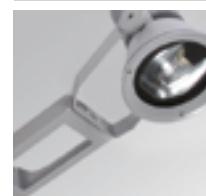
Ref.	Color	ømm	fig.
COARSHINT080G	●	min. 80	5
COARSHINT080A	●	max. 120	5

### Shot/Flut long individual intermediate arm



Ref.	Color	ømm	fig.
COARLOINT080G	●	min. 80	6
COARLOINT080A	●	max. 120	6

### Shot/Flut long wall arm

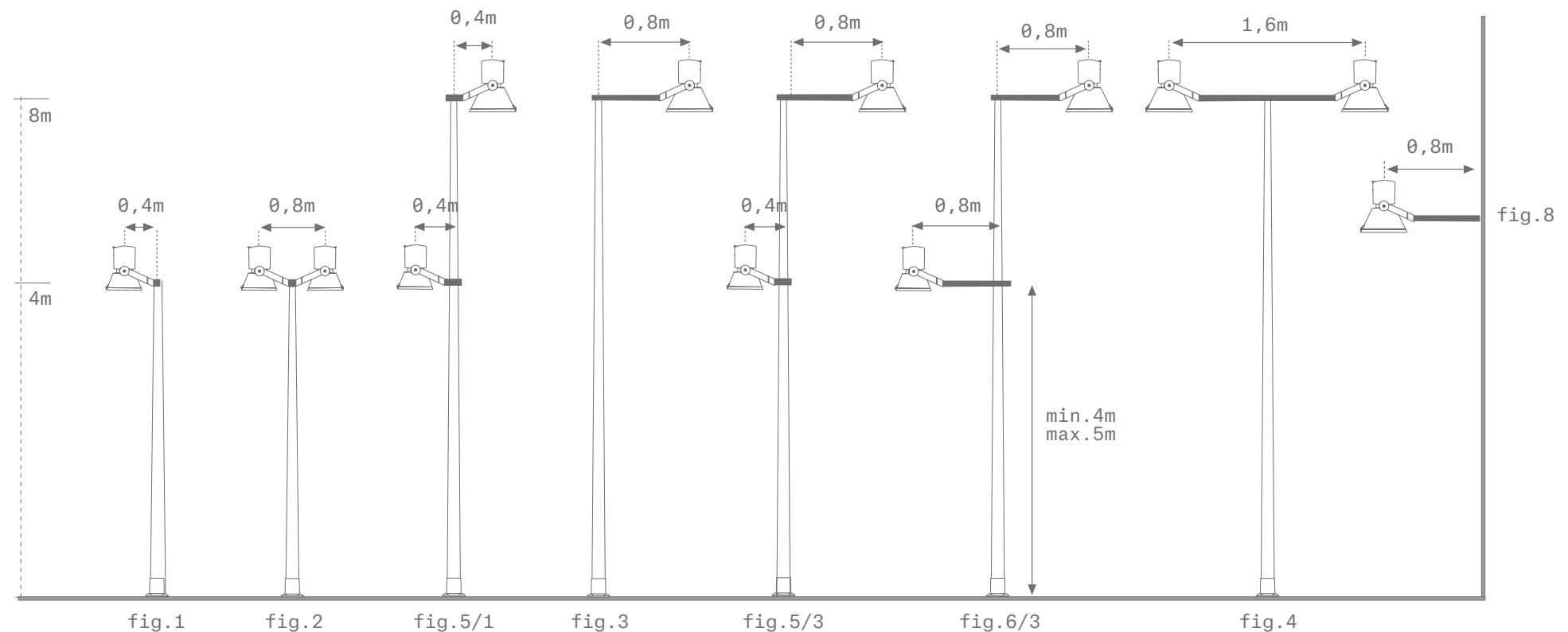


Ref.	Color	ømm	fig.
FXARWAG	●	0,8	8
FXARWAA	●	0,8	8

● Scheme P 405



URBAN SYSTEM



# Technical General Information



LIGHTING AT WORKPLACES IN ACCORDANCE WITH THE STANDARD UNE - EN 12464-1

<b>ACTIVITY TYPE</b>	<b>LUX</b>	<b>UGR<sub>L</sub></b>	<b>Ra</b>
<b>OFFICES</b>			
Filing, copies	300	19	80
Writing, typewriter, reading, data processing	500	19	80
Technical drawing	750	19	80
CAD work stations	500	19	80
Conference and meeting rooms	500	19	80
Reception desk	300	22	80
<b>RETAIL ESTABLISHMENTS</b>			
Sales' area	300	22	80
Boxes area	500	19	80
Wrapping table	500	19	80
<b>PUBLIC PLACES</b>			
<b>Common Areas</b>			
Lobbies	100	22	80
Wardrobes	200	25	80
Lounges	200	22	80
Ticket offices	300	22	80
<b>Restaurants and hotels</b>			
Reception, cash desk and porter's office	300	22	80
Kitchens	500	25	80
Restaurant, dining room and meeting rooms	-	-	80
Conference rooms	500	19	80
Corridors	100	25	80

<b>Fairs, trade show pavilions, theatres, cinema and concert theatres</b>			
General lighting	300	22	80
<b>Museums</b>			
Works on display which are insensitive to light			Lighting determined by presentation requirements
Works on display which are sensitive to light			
<b>Libraries</b>			
Shelving	200	19	80
Reading area	500	19	80
Public service positions	500	19	80
<b>Public vehicle car parks (interior)</b>			
Access or exit ramps (daytime)	300	25	80
Access or exit ramps (night-time)	75	25	80
Walkways	75	25	80
Parking area	75	-	80
Cash desk	300	19	80
<b>INDUSTRIAL AND CRAFT ACTIVITIES</b>			
<b>Agriculture</b>			
Loading and operations with items and machinery	200	25	80
Livestock building	50	-	40
Veterinary room, birthing barns	200	25	80
<b>Cement, cement items, concrete, bricks</b>			
Drying	50	28	20
Preparation of materials, work in kilns and mixers	200	28	40
Machine work in general, formworking	300	25	80

# Technical General Information



LIGHTING AT WORKPLACES IN ACCORDANCE WITH THE STANDARD UNE - EN 12464-1

<b>ACTIVITY TYPE</b>	<b>LUX</b>	<b>UGR<sub>L</sub></b>	<b>Ra</b>	
<b>Ceramics, tiles, glass</b>				
Drying	50	28	20	Precision assembly work (meas. eq.)
Preparation, general machine work	300	25	80	Electronic Workshops
Glazing, Laminating, baking	300	22	80	<b>Foodstuffs and luxury foods industry</b>
Grinding, engraving, polishing	750	19	80	Work stations, brewery
Grinding of optical glass	750	19	80	Work stations for washing, cleaning
Precision work	1000	16	90	Work stations in cooking zones
Manufacture of gemstones	1500	16	90	Work stations in sugar plants
<b>Plastics and Rubber Chemical Industry</b>				Work stations, tobacco drying and fermenting
Treatment facilities with remote control	50	-	20	Classification and washing products
Treatment facilities with manual control	150	28	40	Work stations in slaughterhouse critical areas
Protected Work stations in installations	300	25	80	Cutting and classification of fruit and vegetables
Precision measuring rooms, laboratories	500	19	80	Manufacture of delicatessen products
Pharmaceutical and tyre production	500	22	80	Inspection of glasses and bottles
Inspection of colours	1000	16	90	Laboratories
Cutting, finishing, inspection	750	19	80	Inspection of colours
<b>Electrical industry</b>				<b>Foundries and metal casting</b>
Manufacture of cable and wire, big coils	300	25	80	Pits, caves
Small coils	750	19	80	Platforms
Impregnation and galvanized coils	300	25	80	Sand preparation
Coarse assembly work (transformers)	300	25	80	Changing rooms
Assembly work environment (meter box)	500	22	80	Work stations in mixer
Assembly work fine (phones)	750	19	80	Casting nave, molding machine
				Hand molding and in cores and injection molding
				Construction of models

# Technical General Information



LIGHTING AT WORKPLACES IN ACCORDANCE WITH THE STANDARD UNE - EN 12464-1

<b>ACTIVITY TYPE</b>	<b>LUX</b>	<b>UGR<sub>L</sub></b>	<b>Ra</b>
<b>Bakeries</b>			
Preparation and baking ovens	300	22	80
Finishing, baking, decoration	500	22	80
<b>Hairdressers'</b>			
Hairdressing work	500	19	90
<b>Jewel manufacture</b>			
Work with precious stones	1500	16	90
Jewel manufacture	1000	16	90
Manual watchmaking	1500	16	80
Automatic watchmaking	500	19	80
<b>Laundries and dry cleaner's</b>			
Marking, classification of items and washing	300	25	80
Dry cleaning, ironing and steam ironing	300	25	80
Inspection and repairs	750	19	80
<b>Leather and leather items</b>			
Working with paints, barrels and pits	200	25	40
Cleaning and rubbed skins	300	25	80
Tanning, shoemaking	500	22	80
Quality control	1000	19	80
Inspection of colours	1000	16	90
<b>Metal work and treatment</b>			
Open die forging	200	25	60
Hot stamping, welding	300	25	60
Tool making	750	19	60
Rough assembly	200	25	80
Mean assembly	300	25	80
Fine assembly	500	22	80
Precision assembly	750	19	80
Galvanization	300	25	80
Preparation of surfaces and painting	750	25	80
Tool making, micromechanics	1000	19	80
<b>Paper and paper items</b>			
Vertical mill and pulp	200	25	80
Paper processing and manufacturing	300	25	80
Standard binding, folding, gluing	500	22	80
<b>Electrical energy plants</b>			
Boiler casing	100	28	40
Machine rooms	200	25	80
<b>Presses</b>			
Cutting, engraving, typography, printing blocks, printing	500	19	80
Classification of paper and hand printing	500	19	80
Rate adjustments, retouches, lithography	1000	19	80
Inspection of colour printing, multicolour	1500	16	90
Recorded in steel and copper	2000	16	80
<b>Rolling, steel plants</b>			
Product installation without manual intervention	50	-	20
Product installation with continuous manual intervention	200	25	80

# Technical General Information



LIGHTING AT WORKPLACES IN ACCORDANCE WITH THE STANDARD UNE - EN 12464-1

<b>ACTIVITY TYPE</b>	<b>LUX</b>	<b>UGR<sub>L</sub></b>	<b>Ra</b>
Ovens	200	25	20
Mill, coiler	300	25	40
Control platforms	300	22	80
Tests, measurement and inspection	500	22	80
<b>Textile industry</b>			
Working posts and services	200	25	60
Carding, ironing, washing, combing	300	22	80
Yarn, folding, rolling, winding, weaving	500	22	80
Sewing, knitting, seams, patterns	750	22	80
Finishing, dyeing	500	22	80
Drying room	100	28	60
Automatic printing of fabrics	500	25	80
Inspection of colours, fabric control	1000	16	90
Invisible Darning	1500	19	90
<b>Vehicle Manufacturing</b>			
Body and Assembly	500	22	80
Painting, spraying, polishing	750	22	80
Painting, retouching, inspection	1000	19	80
Upholstery Fabric	1000	19	80
<b>Timber industry and its treatment</b>			
Automatic processing, drying, board manufacture	50	28	40
Treatment with steam	150	28	40
Work on joints, gluing, assembly	300	25	80

Finishing, painting, fine assembly	750	22	80
Shaped, striatum, straightening, slotted	500	19	80
Wood selection of plates	750	22	90
Marquetry, wood inlay	750	22	90
Quality control, inspection	1000	19	90
<b>EDUCATIONAL ESTABLISHMENT</b>			
<b>Kindergartens, nurseries, educational buildings</b>			
Classes, tutoring classes	300	19	80
Classes for adult evening classes	500	19	80
Technical drawing classes	750	16	80
Practical classes, laboratories, workshops	500	19	80
Music rooms, computer and language	300	19	80
Classroom preparation and workshops	500	22	80
Lobbies, study classes	200	22	80
<b>HOSPITALS, DOCTORS' SURGERIES, CLINICS</b>			
Common classes	200	22	80
Corridors (Daytime)	200	22	80
Corridors (night time)	50	22	80
Diagnostic rooms, general lighting	500	19	90
Diagnostic rooms, lighting visit or treatment	1000	19	90
Operating room	1000	19	90
Pharmacy, laboratory, dental doctor	500	19	90
Intensive Care	1000	19	90
Disinfection and sterilisation rooms	300	22	80

**LUX:** Mean horizontal lighting level. Generally calculated at a height of around 85 cm from the ground, always in working areas and level with its circulation or thoroughfare areas.

**UGR:** Internal Unified Glare Index Limit of the area. This establishes the direct glare onto each application depending on the distribution of the luminaires vis-à-vis the features of the area to be lit up and the observation point of the operators.

**Ra:** General colour rendering index of light sources.

# Technical General Information



## PICTOGRAPH

CLASE I	Luminaire in which protection against electric shocks is based, in addition to the main insulation, upon the earthing of accessible conductive parts.	CE	CE self-certification.
CLASE II	Luminaire in which protection against electric shocks is not based upon the main insulation, but rather upon complementary safety measures such as double insulation.	c	Luminaire without required control gear built-in. TRIAC Trailing edge
CLASE III	Luminaire in which protection against electric shocks is based on a very low safety voltage.		Outdoor luminaire for under canopy installation. Luminaire not including end covers.
XX°	Luminaires should never be covered with any heat insulating material.	HO7RN-F (3x1,5)	1m HO7RN-F (3x1,5) hose included.
XX°	Maximum adjustment angle of the luminaire.		Luminaire designed for double switching. Anod. Anodized: Electrolytic passivation process which objective is to protect against corrosion.
XXX° XXX° XXX°	Maximum adjustment angle of the two axes of a gimbal luminaire.	GLASS	Classification Risk 0 (Exempt group) according to EN62471
INOX AISI XXX	Luminaire with built-in glass.	TW	Luminaire with dynamic white light source (2700-6500 K)
PC	Stainless Steel.	AI	Suitable for saline environments.
C	Polycarbonate body.	UGR <19	Unified Glare Rating <19 (Dimensions 4H8H Reflectances: 70/50/20)
XXX°	Aluminium body.	MS	Multispectral Technology
o XXX	Electro coating. Painting process which objective is to protect against corrosion.	WB	Wellbeing Technology
o XXX	Material which has successfully passed the incandescent filament test at the indicated temperature.	PMMA DIFUSER	Methacrylate Diffuser
XXX x XXX	Floor aperture diameter.		Active Cooling. Model which incorporates active dissipation. DALI DALI control gear.
Max. XX mm	Ceiling aperture diameter.		
XXX x XXX	Rectangular ceiling aperture dimensions.		
Max. XX mm	Maximum panel thickness for luminaire anchoring point.		

## Technical General Information



### CO-CREATION PICTOGRAPH

1-10V	Dimmable 1-10V	L	Lenghts
PUSH	Dimmable PUSH	F	Formats
TRIAC	Dimmable TRIAC	C	Finishes
DALI	Dimmable DALI	S	Finished in serigraphy
BATT	Emergency battery	SI	Sensor Integration
BT	Bluetooth control	TI	Trimless installation
LED RETAIL	LED for RETAIL (VW, meat, fish, bread, fruit)	IP65	IP65
OD	Other distributions	AE	Adaptation for Marine Environments
LM	Light Output	OPAL	Opal diffuser
K	Colour Temperature	IK	IK 10 with PC Diffuser
LED AMBER	Amber LED	OI	Outdoor installation
CRI	Colour rendering index	MS	Multispectral Technology
TW	Tunable white	WB	Wellbeing Technology

# Technical General Information



## IP CODE

In agreement with the norm EN 60598-1, the luminaires are classified according to the derived protection of its constructive elements. The nomenclature comes symbolised by the letters IP followed of three figures, although the two first ones are indicated.



### ● 1st figure

Protection of the material against the filtration of solid elements and dust, as well as to the people in respect to the tension of the components of the luminaire.

- 0 - Not protected.
- 1 - Protection against solid bodies bigger than 50 mm.
- 2 - Protection against solid bodies bigger than 12 mm.
- 3 - Protection against solid bodies bigger than 2,50 mm.
- 4 - Protection against solid bodies bigger than 1 mm.
- 5 - Protection against the dust.
- 6 - Complete protection against the dust.

### ● 2nd figure

Protection of the material to the penetration of liquid.

- 0 - Not protected.
- 1 - Protected against steady dripping.
- 2 - Protected against falling water to a maximum 15°.
- 3 - Protected against rain.
- 4 - Protected against sprays.
- 5 - Protected against water jets.
- 6 - Protected against waves.
- 7 - Water-tight immersion.
- 8 - Water-tight against immersion.

## IK CODE

Code system which indicates the degree of protection given by a body and the protector against harmful mechanic impacts.



IK	Impact energy (J)
IK00	0
IK01	0,15
IK02	0,2
IK03	0,35
IK04	0,5
IK05	0,7
IK06	1
IK07	2
IK08	5
IK09	10
IK10	20

## Technical General Information



### OPTICS

Optics	$\Delta^*$
Superspot (SSP)	0° - 9°
Spot (SP)	10° - 19°
Medium Flood (MFL)	20° - 29°
Flood (FL)	30° - 39°
Wide Flood (WFL)	40° - 69°
Very Wide Flood (VWFL)	>70°
Elliptical	12° x 30°
Street	-
Direct / Indirect	-
Opal	-
Prismatic	-
360°	-

### COLOR TEMPERATURE

K	Color
5000 K	Cool White
4000 K	Neutral White
3000 K	Warm White
2700 K	Very Warm White
2700-6500 K	Tunable White

# Technical General Information



## FINISHES

### BLACK: B

- Black 01 RAL 9005 BLACK
- Black 02 RAL 9011 BLACK MATT
- Black 03 RAL 9011 BLACK TEXTURIZED
- Black 04 RAL 9011 BLACK BRIGHT
- Black 05 RAL 7021 TEXT. MATT
- Black 06 CATAPHORESIS

### ANTHRACITE: A

- Anthracite ANTHRACITE

### GREY: G

- Grey 01 RAL 9006
- Grey 02 ANODIZED SILVER MATT
- Grey 03 SW GREY TEXTURIZED

### INOX: I

- Inox 01 STAINLESS STEEL AISI 303
- Inox 02 STAINLESS STEEL AISI 304

### CHROME: R

- Chrome 01 CHROME 1

### WHITE: W

- White 01 RAL 9104 WHITE TEXTURIZED
- White 02 RAL 9010 WHITE MATT
- White 03 RAL 9010 WHITE TEXTURIZED
- White 04 RAL 9010 WHITE BRIGHT
- White 05 RAL 9016 WHITE TEXTURIZED
- White 06 RAL 9016 WHITE MATT

### YELLOW: Y

- Yellow 01 RAL 1021 TEXTURIZED

### CUPPER: C

- Copper 01 CUPPER MATT

### WELLBEING: 3

- 4050-R90B
- 1505-Y10R
- 7024
- 4030-B50G
- 7001

### BE SOCIAL: 4

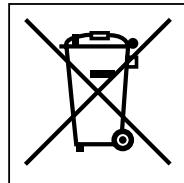
- 4050-R90B
- 1050-B10G
- 7502-R
- 2070-Y80R
- 2011

### MATERIALITY: 1

- 1505-Y10R
- 7024
- 3010-G
- 2010-Y20R
- 3013

### SPECIAL COLORS

Different colors from the ones settled on the price list are considered as **special executions**. Enquire for price and delivery time.  
When applied, there may be small differences between the original colors and those obtained on certain final products.



Attached to ECOTIC Foundation for the Environment, applying the Community Directive 2002/96/CE RAEE'S, for recycling waste from electrical and electronic lighting devices. The ECORAE economic management cost of luminaires is borne by Lamp. As regards the Lamps included in some of our luminaires, they shall be subject to the ECORAE rate charged to us by the manufacturer.

**The following conditions for the return of lighting materials shall be applicable to Lamp S.A.U.'s supplies:**

- 1º All returns not due to manufacturer's error must be previously authorised by the company.
- 2º Returns of special material, that is to say, outside the current price list shall not be accepted.
- 3º All returns shall always make reference to the invoice and/or delivery note, with which they were supplied.
- 4º Under no circumstances shall any material that is more than 90 days old, according to the supply invoice date, be admitted for return.
- 5º In the event that the return of a material is expressly accepted, this shall be in its original packaging, in complete boxes, unopened and in good condition, as if it were a new product.
- 6º The return of the material shall be made carriage paid and at the client's expense and risk.
- 7º Payment regarding any authorised return shall entail a minimum depreciation of 15% of the net amount of the invoice.

# General Terms and Conditions of Sale



The acceptance by **LAMP S.A.** of any order implies complete acceptance by the purchaser of these General Terms and Conditions of Sale.

## 1. Prices

Prices shall be those applicable at the date of receipt of the order, applying agreed discounts. A specific quotation must be sought for out-of-catalogue and specially-executed articles.

## 2. Order confirmation.

The client must check the confirmation for the order submitted within 72 hours. The Client shall be solely responsible for the accuracy of the order, including specifications, configuration or other requirements of the Products and Services. They shall also be responsible for checking the functionality, compatibility with control systems and interoperability with other products not supplied by LAMP, as well as the suitability for a particular use. The Client guarantees that the information provided to LAMP is complete, accurate and true, and the Client further acknowledges that failure to provide complete, accurate and true information or instructions to LAMP may impair LAMP's ability to perform its obligations or exercise its rights under an Agreement.

## 3. Deliveries

The place of delivery of the material ordered and thus that of the associated sale, is always deemed to be our factory or storage facility (ex-works). Goods thereafter travel at the purchaser's own risk and expense unless the order is accepted on a carriage paid basis. The risks relating to product return will always be assumed by the purchaser. In the event of serious difficulties, **LAMP** will cover the orders depending on their possibilities.

## 4. Delivery period

To provide our customers with guidance on likely availability of product in our warehouse, we have classified our products as follows:

- Guiding availability term: **1 week** (from the date of the formalization of the order)
- Guiding availability term: **2 weeks** (from the date of the formalization of the order)
- Guiding availability term: **to be determined by LAMP** (from the date of the formalization of the order)

The blue dots ● are indicated before each product code.

Confirmation of delivery periods must be sought for each order. All these terms can be increased in one day due to the expedited process. **LAMP S.A.** shall not be answerable nor liable for any penalty in the case of failure to meet such delivery periods.

## 5. Transport

Unless agreement is reached to the contrary, carriage shall always be borne by the purchaser.

The recipient shall have a duty to examine goods upon receipt and place on record any problems on the goods delivery note or make a claim with 48 hours to their transport agency if sent on a carriage forward basis, or to Lamp, if made on a freight paid basis.

## 6. Cancellation of orders

All cancellations of orders must be made in writing. Should cancellation occur after delivery of an order, it will be treated as a return, the procedure for which is governed by Clause 9. Specially-executed orders cannot be cancelled when production thereof has already commenced.

## 7. Samples

All samples of materials must be requested by means of an order and shall be invoiced. When returned, they shall be credited in full unless damaged or modified.

## 8. Specially-executed orders

Specific inquiries of any out-of-catalogue must be made prior to an order being placed to ascertain its viability, price and delivery period.

## 9. Lighting projects

We are happy to offer all our customers the free service provided by our **Technical Projects Department**, which can carry out a lighting calculation study.

Together with the technical report, you will receive a lighting quotation and plan to assist with the implementation of the works. You can also request, free of charge, our lighting calculation program on CD.

## 10. Returns

**LAMP S.A.** will accept returns of all those goods marked in the price list with a symbol ● (a single blue dot).

### • Required procedures:

- Customers must have made the original order in writing (fax, e-mail, letter, etc.)
- They must request a return merchandise authorisation (RMA) number from **LAMP S.A.**
- The relevant goods must not be damaged in any way.

### • Return deadline:

- RMA numbers must be requested within 90 calendar days of the date of shipment of the relevant goods.
- Returns must be made within 30 calendar days of the date of receipt of the RMA number (which **LAMP S.A.** shall notify in writing).

### • Conditions:

- **LAMP S.A.** shall be entitled not to accept any return, whatever the reason therefor, in any of the following cases:
  - Breach of required procedures and/or deadlines.
  - Out-of-catalogue items.
  - Specially-executed orders (non-standard electrics, measurements, etc.)
  - Goods painted in non-standard colours.
  - Goods marked in the prices list with the following symbols: ●● (two blue dots) and/or ●●● (three blue dots).
- All duly-authorised returns shall be sent to **LAMP S.A.** carriage paid.

### • Credit notes:

**LAMP S.A.** shall issue credit notes for all returns which meet each and every one of the above requirements in respect of procedures, deadlines and conditions for 85% of the originally-invoiced sum. The remaining 15% shall be set aside to cover the costs in respect of the return (handling, packaging, quality control...).

Credit notes arising due to causes other than returns (differences in prices, carriage, errors, etc.) shall also be subject to the above procedural and deadline requirements, that is, the original order must be made in writing and the related claim must be made within 90 calendar days of the date of issuing of the invoice.

A further prerequisite is that customer is fully up to date with all its payment duties.

## 11. Quality

All products supplied by **LAMP S.A.** have received CE certification, meet other standards and regulations and have been subject to strict quality controls which guarantee their proper working.

**LAMP S.A.** is continually working to improve and update its products. It therefore reserves the right to change, withdraw or expand its products without prior notice and without this giving rise to the right to make any form of claim or complaint.

## 12. Warranty

**LAMP S.A.U.** guarantees the perfect working order of each and every one of its products against any defect in relation to materials or labour involved in the manufacture of the same. The commercial warranty provided by **LAMP S.A.U.** is an extension of the mandatory six-month legal warranty (Law 23/2003) and is specified as follows: The warranty for LED products featuring the "5-year warranty" tag on the technical data sheet is extended to 5 (FIVE) years, and to 2 (TWO) years for all other standard products, valid as of the date of delivery. Furthermore, the warranty period for the repair or replacement of lamp products is extended to the 2 or 5 years specified in this legal warranty extension. The scope of the Lamp warranty covers all Spanish and international territory. The corresponding claim should be delivered to our commercial department in writing in order to render the warranty valid. Our warranty includes the repair, replacement or exchange of the product and/or components at no cost to the customer, excluding labour, in addition to transportation costs arising from compliance with the warranty. All the technical specifications of the Lamp warranty, in addition to the rights of the consumer, are set forth in the General Warranty Conditions document: <http://www.lamp.es/files/64880>.

## 13. Reservation of title

**LAMP S.A.** reserves title over all the goods it supplies until the purchaser has paid for them in full.

## 14. Jurisdiction

In the case of any disagreement or dispute over these General Terms and Conditions of sale, both parties, expressly waiving any other jurisdiction, submit themselves to the authority of the Courts and Tribunals of the city of Terrassa (Barcelona).

**NB: This document replaces all previous versions. Data valid for orders received from February 1st 2021.**



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