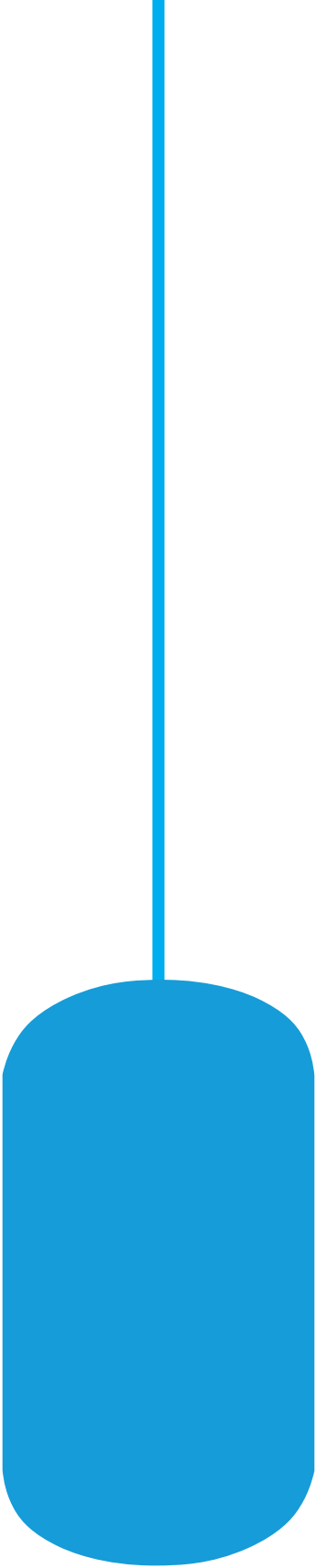


LIGHTING SOLUTIONS

20
24

GLOBAL LIGHTING SOLUTIONS



We create lighting solutions that **respond to new ways of life** by providing well-being through good lighting, generating a **positive impact on both people and the environment.**

06

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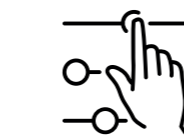
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WORKTITUDE FOR LIGHT

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



Customisation



Flexibility



Empathy



Passion



Collaboration



Efficiency



Innovation



Creativity

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.

International vision, local commitment

We are **present in over 70 countries** thanks to our factory and Terrassa HQ, as well as our 5 subsidiaries.

Team

Engineers, designers, technicians and a myriad of **professional profiles work together on your next project.**

Co-Creation

Forming a single team with our customers to develop special lighting solutions, making **each project unique.**

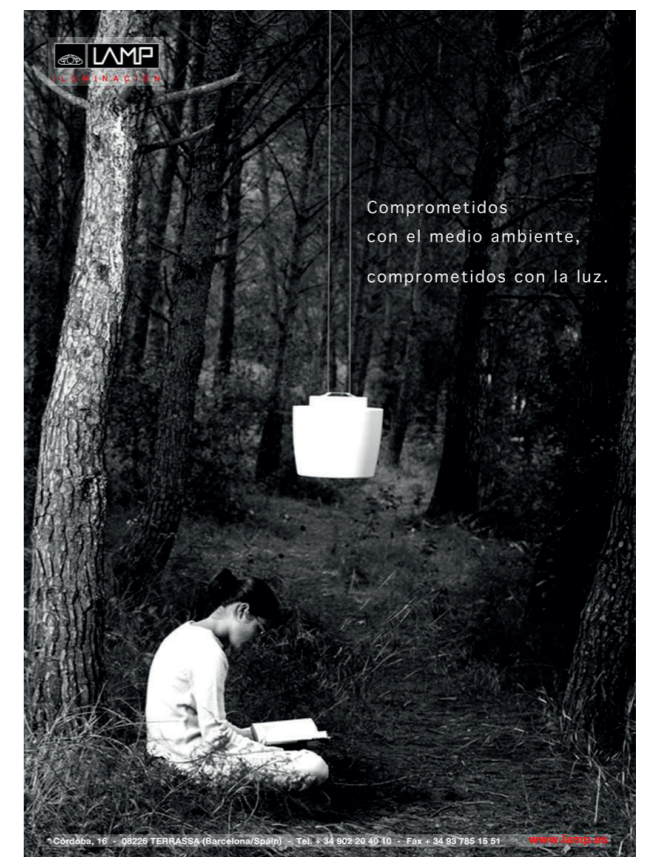
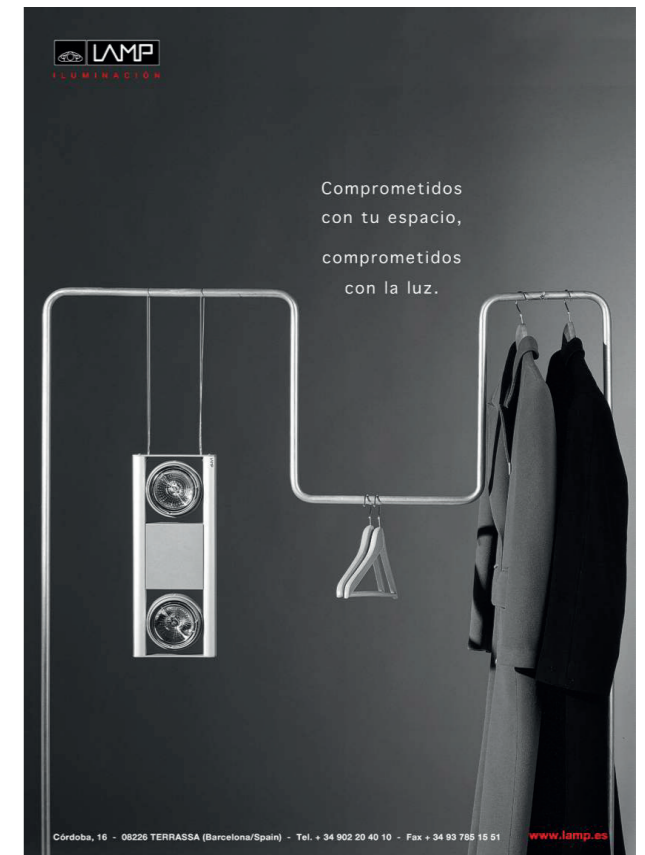
LAMP THROUGH TIME

A transformation story

For more than 50 years, we've been advising on, designing, producing, marketing and launching technical lighting projects. We're committed to bringing our customers' lighting challenges to life with a solvent, tailored response on any architectural project in the world.

At Lamp, S.A. we have our main offices in Terrassa (Spain). This centre is where we produce our light fittings while it also doubles as the headquarters for Lamp and its affiliates located in France, Mexico, Colombia, Chile and Dubai, in addition to all our other sales offices.

Lamp's history as a company with a strong industry tradition is a **story of transformation** running in parallel to the technological changes that have accompanied the lighting industry, as well as social shifts, since lighting supports the **transformation of spaces and the way in which people inhabit them.**



1971-72



THE BEGINNING

Lamp was founded in 1971 as a shop selling **electrical material**, although it was in 1972 when Ignasi Cusidó Sr. founded Lamp as a company that manufactured professional luminaires, **specialising in linear structures** for fluorescent lights and offering lighting solutions to local businesses initially, and national businesses later.

80's



INDUSTRIALISATION AND NATIONAL EXPANSION

In this decade, the company began to expand its portfolio, designing the luminaires that are today considered classic Lamp product families: **Lamptub, Triply, Oval, Serie 1000, Basic...** These models form a part of Lamp's industrial history and shaped the brand's original logo. The creation of Lamp's subsidiary companies Besltux and Terrallum led to an **increase in its production capacity and industrialisation**, facilitating the **integration of all production processes**: from conceptualisation to design, manufacture and delivery to the customer.



90's



INTERNATIONALISATION AND PROCESS SYSTEMATISATION

The internationalisation process commenced with the opening of the **company's first affiliate factory in Latin America in Chile**. It was followed by others in **Colombia and Mexico**. **The quality and environment system was implemented and improved**, enabling a standardisation of the company's processes and continuous improvement of the product and service such that they are offered in an environmentally friendly way.



00's



HEADQUARTERS: TERRASSA

The **HQ** premises were opened on Carrer de Còrdova in Terrassa, **centralising the company's production processes**, logistics centre, R&D centre, lighting laboratory and administrative offices in a single location. These facilities also house LightLAB, a showroom and space designed to **publicise light culture**.

2020



CONSOLIDATION OF STRATEGIC LINES AND INNOVATION

We redefined our segments of application based on light's different contributions to the user experience in each space. The company's cultural transformation continued with a view to generating an internal driver of innovation that allows us to offer a value proposal based on innovative solutions when applying light **to satisfy user needs**, new architectural spaces and new ways of living, thus implementing new ways of working. Formal creation of Innovation and Sustainability Committees, as well as self-managed teams.

WORKING PATHS AND LED WELLBEING

We defined our vision and established the **strategic lines** "Working Paths: Worktitude For Wellbeing, Life and Innovation". We introduced technology focused on integrated lighting, **LED Wellbeing**, while considering the visual and non-visual effects of lighting, with a high level of effectiveness in **circadian activation processes**. The **Lamp +** service was launched to improve awareness and the implementation of integrated lighting projects, taking into account the design of lighting itineraries, supporting calculations to ensure measurable standards, programming and the launch of projects focused on generation wellness.

2019



2016-17



REDEFINITION OF THE VALUE PROPOSAL: "WORKTITUDE FOR LIGHT"

The corporation joined the Nordeon Group (currently known as **Experience Brands**), an international business group specialising in lighting. In 2017 Lamp made a change to its corporate image and redefined the company's value proposal, **giving rise to the phrase that encompasses our essence: "Worktitude For Light"**. This involved the company taking its first steps towards a profound transformation that has led us to be the company we are today at Lamp.

2006-08



NEW PROJECTS AND TECHNOLOGY

In 2006 the succession process in the management of the business began, with the second generation of the Cusidó family joining the management team, driving a change in the business model to focus on providing a **specifications stage support service**. In 2008 the first edition of the **Lamp Awards** took place, in line with the idea of "light is a basic element in life and a key aspect in any architectural project". At this time, the technological adaptation of our products and production processes began, with a technology that would lead to a disruptive change in the industry: **LED technology**. The internationalisation strategy continued and crystallised in this decade, rolling out a structure that allows us to serve 70 countries at present thanks to our network of sales offices, affiliates and our HQ.

2022



COMMITMENT TO SUSTAINABILITY

Lamp official joined the **United Nations Global Compact** as proof of the company's public commitment to sustainability.



Worktitude For Future



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.



MÉDICOS SIN FRONTERAS (MSF), BARCELONA (SPAIN)

What we do?



Visual comfort



Flicker-free



0 Photobiological risk



Technological gradient

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

- Tech ultracomfort diffusers (UGR<12) and Opal confort diffusers (UGR <16).
- Optical options and high degree of shielding (UGR <14).
- Direct-Indirect light distribution.



Tech Ultracomfort

High visual comfort

Combined optics with polycarbonate reflector for active glare control (UGR<15).

Efecto dark light

Satisfies dark limit requirements (emission less than 200cd lm over a 60° viewing angle).

High luminous efficacy

Up to 123lm/W.

Control and variety of light distributions

Symmetric distribution: suitable for workspaces and high-precision tasks.

Other light distributions are also available, by combining black polycarbonate reflector with different optics (asymmetric, etc...).

Variedad de acabados

Standard Black reflector finish, and White reflector finish on request.

Customisation and maximum integration of the luminaire in the space, with the possibility of two colour combinations of luminaire and reflector.



FIL 35 TECH
LAMPTUB 60 TECH

Flicker-free

Luminaires with flicker control, avoiding the health effects that the “flicker” effect causes in users such as visual fatigue or headaches. Compliance with IEEE standard 1789 -2015 LED methods and according to NEMA 77-2017 (.Pst LM<1.0 and SVM <0.6).

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 resi-

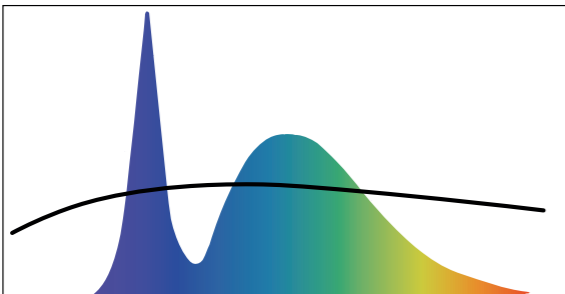
dences, etc., using luminaires classified as “Exempt from photobiological risk - Group 0” according to the UNE 62471 standard is recommended.

Technological gradient

Standard LED Dynamic Lighting

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

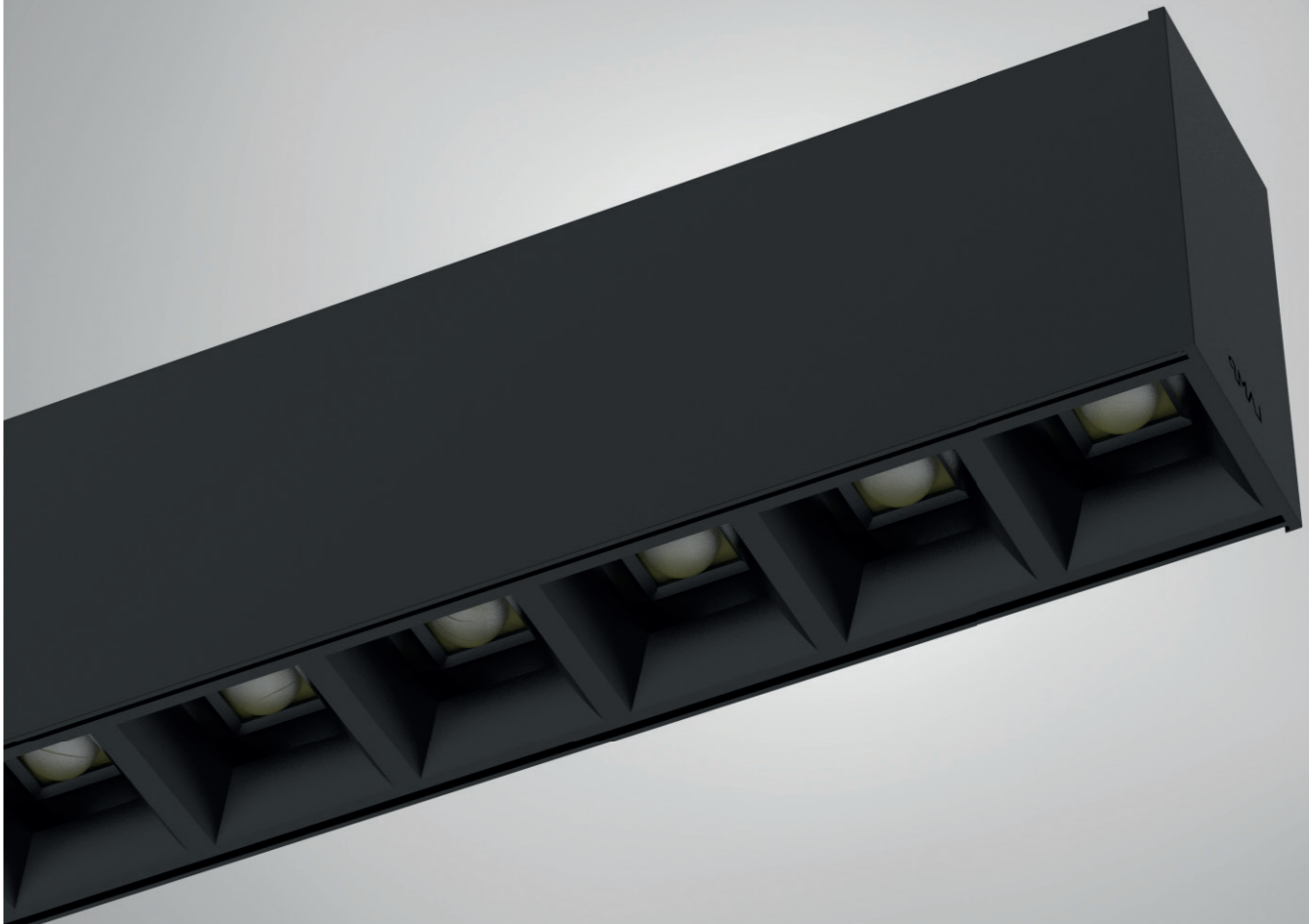
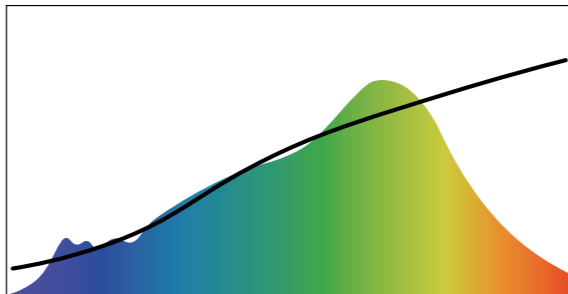
Standard LED light spectrum



Wellbeing Lighting “Reconnecting with nature”

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.

LED Wellbeing light spectrum

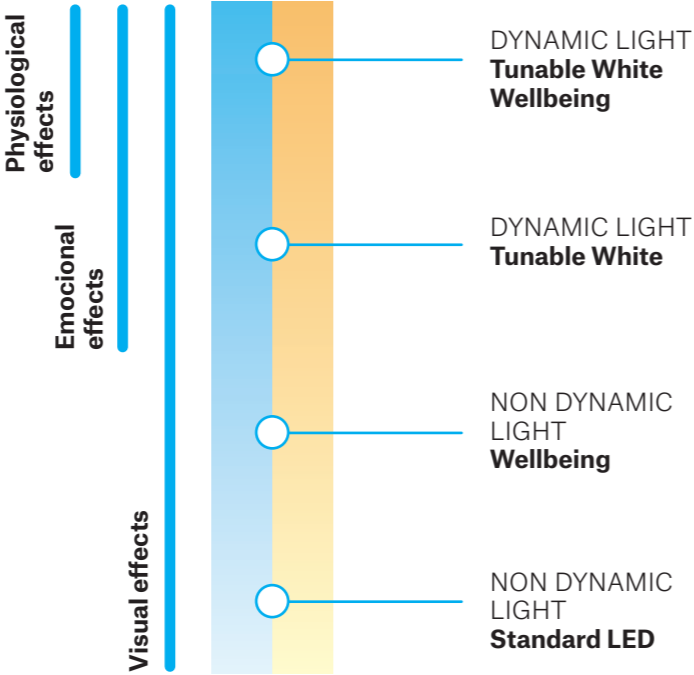


FIL 45 TECH



KOMBIC 70 OPAL

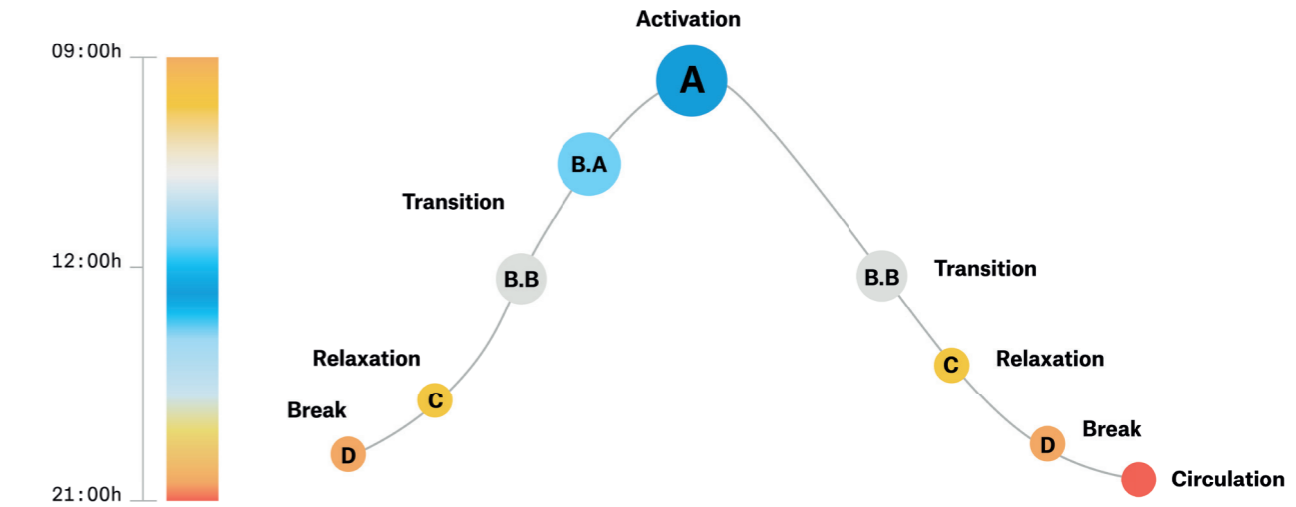
What offers each type of lighting?



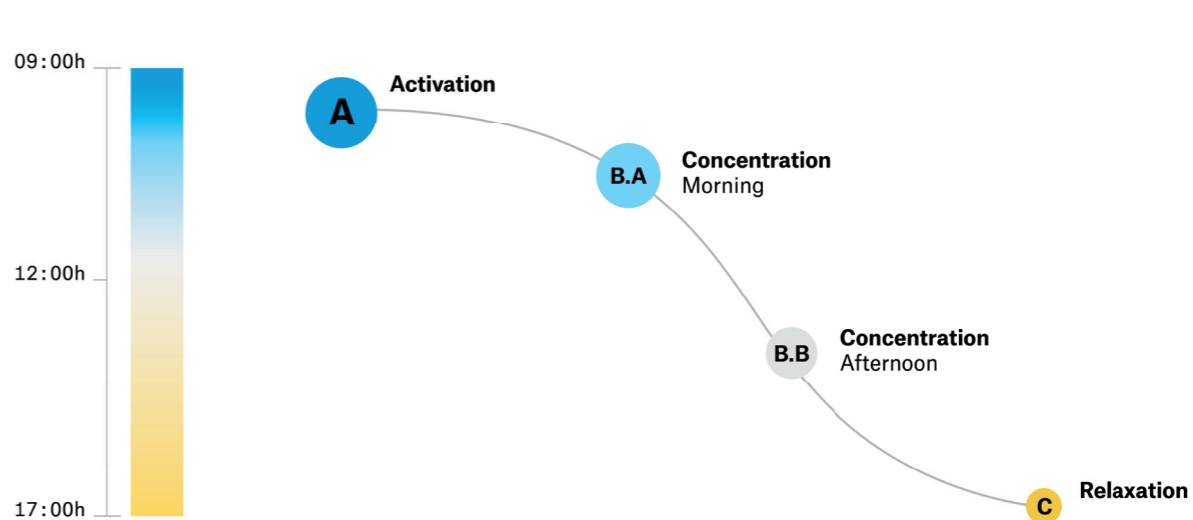
	MONOCHROME	WELLBEING MONOCHROME	TUNABLE WHITE	WELLBEING TUNABLE WHITE
ILLUMINANCES SUITABLE FOR TASKS THAT REQUIRE CONCENTRATION	●	●	●	●
LUMINANCE CONTRASTS	●	●	●	●
LIGHTING LEVEL REGULATION	●	●	●	●
CRI>80	●	●	●	●
R9>50	—	●	—	●
SYNCHRONISATION WITH NATURAL LIGHTING (VARIABLE CCT)	—	—	●	●
LIGHT JOURNEYS	—	—	—	●
SPECTRAL SIMULATION OF NATURAL LIGHT	—	●	—	●
CIRCADIAN STIMULATION (VARIABLE CCT)	—	—	—	●

Design of lighting itineraries

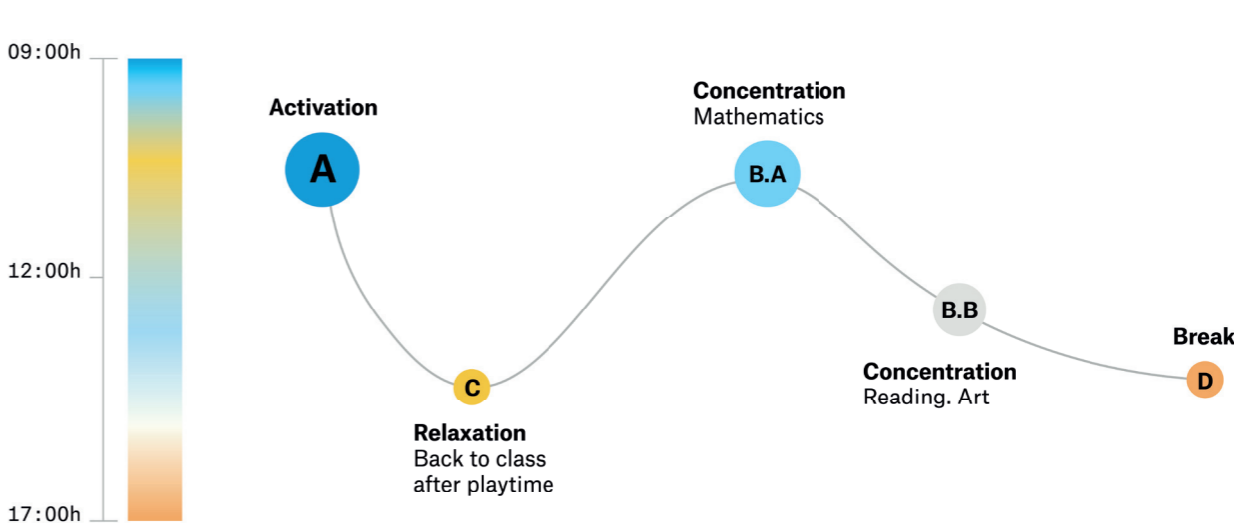
Hospitals (Rooms)



Offices



Schools










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**.

-  **Decarbonisation of lighting solutions.**
-  **Reduction of non-renewable resource consumption.**
-  **Promotion of circularity and resilience in lighting solutions**, implementing strategies to minimise waste at the end of a product's life cycle.
-  **Generation of lighting conditions that improve wellbeing**, comfort and environmental conditions for people and the rest of the ecosystem (Living Centric Light).
-  Generating a positive impact on the community and helping to **create a diverse, ethical, inclusive community** that enables us to achieve our goals.



What we do?



Sustainability plan
and reducing the
environmental footprint



Equality and
equity plan



Training and
environmental
awareness plan



Public commitment
and transparency



Waste
management



Energy
transition



Relationship
with suppliers



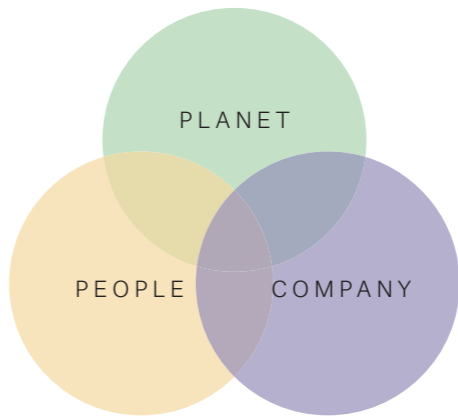
Certifications
and standards



Ecodesign, research
and development



Measuring impact
and Life Cycle
Analysis (LCA)



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)
 - Economic (Company, profitability and reputation).

Equality and equity plan

We are part of the Target Gender Equality Accelerator Programme 2022-2023 to boost our contribution to SDG 5 for gender equality. Our aim is to encourage equal opportunities based on an organisational culture that favours effective equality between men and women, and which also enables a balance to be struck between people's personal, family and work lives.

57% of our team consists of women, with 43% representation on the Executive Committee.

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).

Training and environmental awareness plan

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

Reducing the environmental footprint

- Prioritising actions to help us reduce CO2 and other GHG (Greenhouse Gas) emissions, both direct and indirect.
- Lamp's GHG calculation report contemplating its Scope 1,2 and 3 emissions in 2022.
 - In 2022, our emissions totalled 1,207.56 Tn CO2 Eq, and we are dedicated to achieving neutrality by 2025.

Waste management

- Plan for constant improvement regarding waste management, including a reduction in plastic packaging, or the removal of waste that is difficult to recycle.
- Packaging optimisation plan.

Energy transition

Use of renewable energy sources, including 59% average self-consumption thanks to the installation of solar panels at HQ, and an excess of 28% injected into the grid. 35,620 kg CO₂ emissions avoided.

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.
- 90% of our suppliers are local.

Certifications and standards

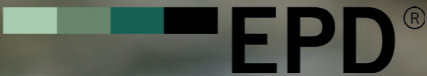
- Certificaciones ISO 9001 y 14001.
- ISO 9001 and 14001 certifications.
- SILVER classification by Ecovadis ranking, which places us in the top 25% of companies with the best performance in terms of social responsibility.
- Progressive EDP management of our products based on LCA (Life Cycle Assessment).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

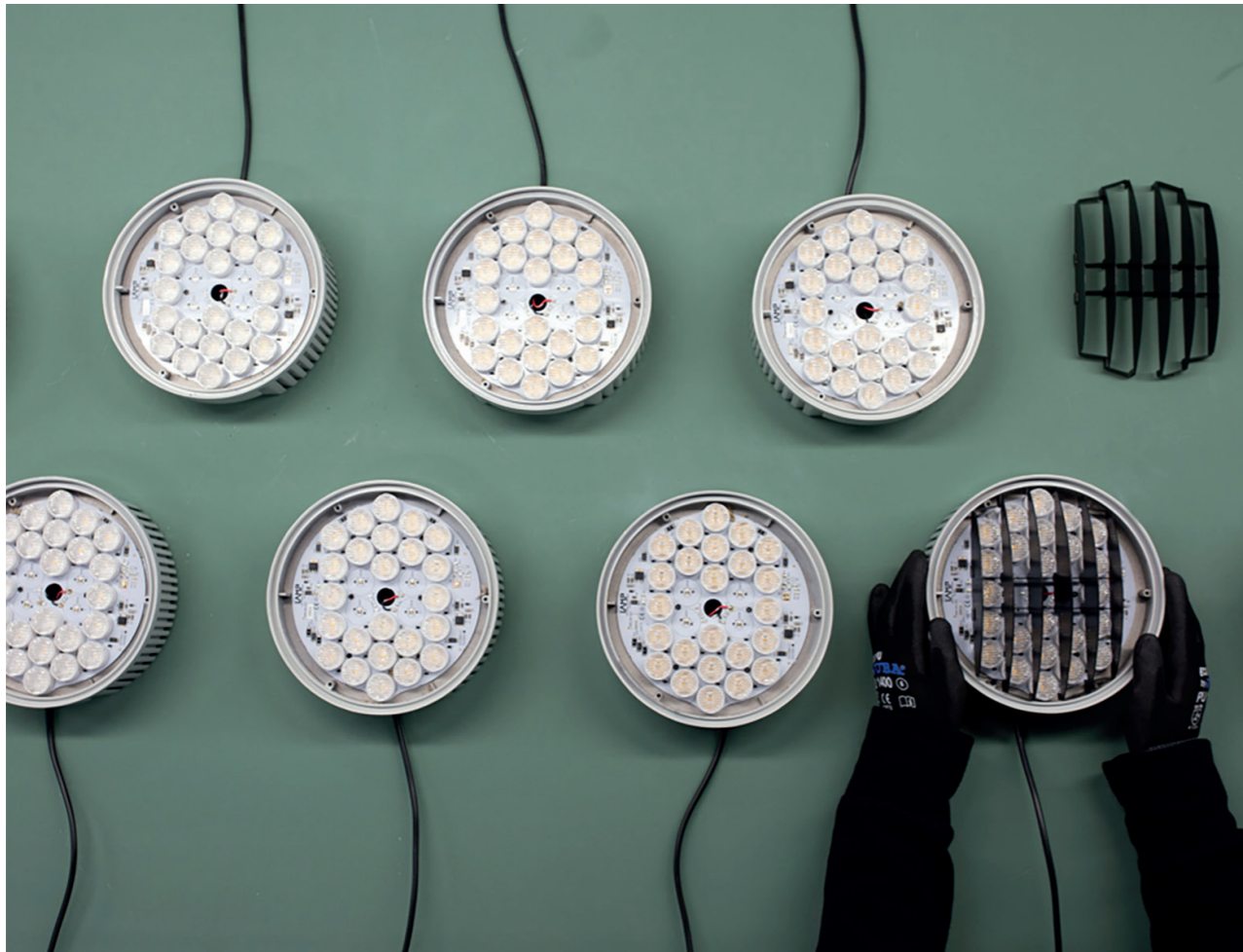


SOLAR PANEL INSTALLATION, HEADQUARTERS (TERRASSA)

51%

of the references that make up our catalog have Environmental Product Declarations.





HEADQUARTERS (TERRASSA)

Mesuring impact

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

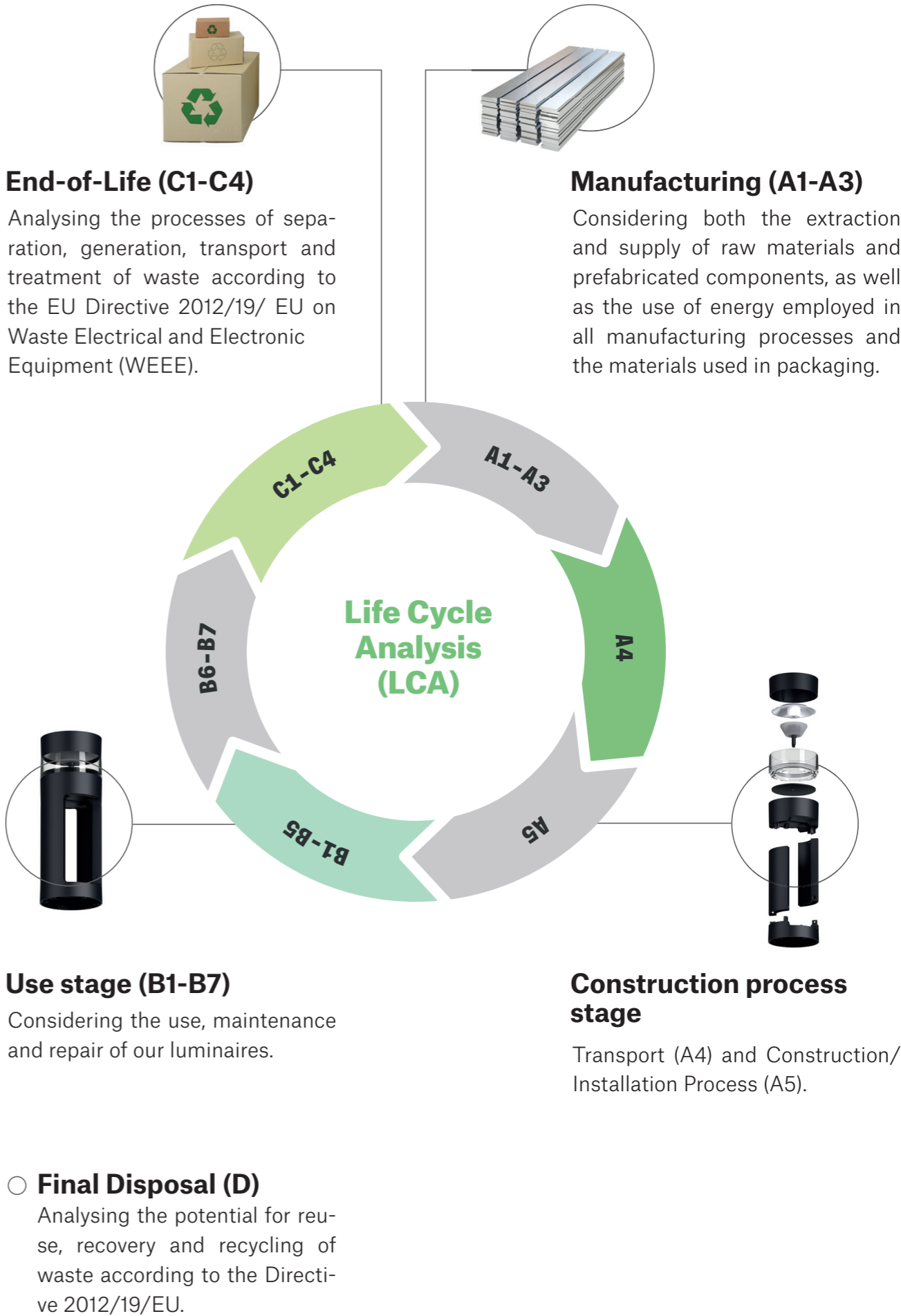
Ecodesign

- 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,...

Life Cycle Analysis (LCA)

The life cycle analysis allows us to analyse and evaluate the environmental performance of our products “from cradle to grave”, quantifying the environmental impacts in each of the stages according to the UNE-EN 15804:2012+A2:2 standard.

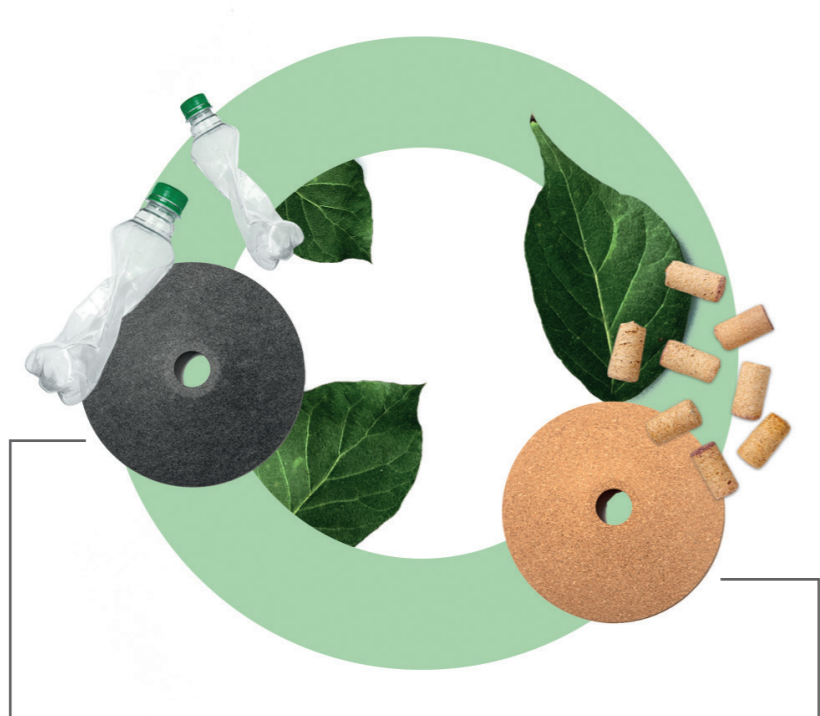
The environmental impacts analysed are among others: global warming (GWP), ozone layer depletion (ODP), acidification (AP) or resource depletion (APD).



Research and development

PR&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.)

USE OF BIODEGRADABLE AND/OR RECYCLED MATERIALS



Stormbell 80 R-PET



MATERIAL	Polyester Felt
COMPOSICIÓN	20-60% rPET
KG	0,314
PROCEDENCIA	4 recycled water bottles

Stormbell 80 R-CORK



MATERIAL	Recycled cork
COMPOSICIÓN	80-90% plugs cork
KG	0,227
PROCEDENCIA	40 recycled wine stoppers

INCORPORATION OF RECYCLED POLYCARBONATE R-PC FR WHITE™ WITH BROMINE-FREE FLAME RETARDANT

Savings 70 Tn CO2 eq/year

96% CO₂ footprint reduction por piece of reflector.



RECYCLED ALUMINUM MIGRATION

70% reduction direct emissions during manufacturing.

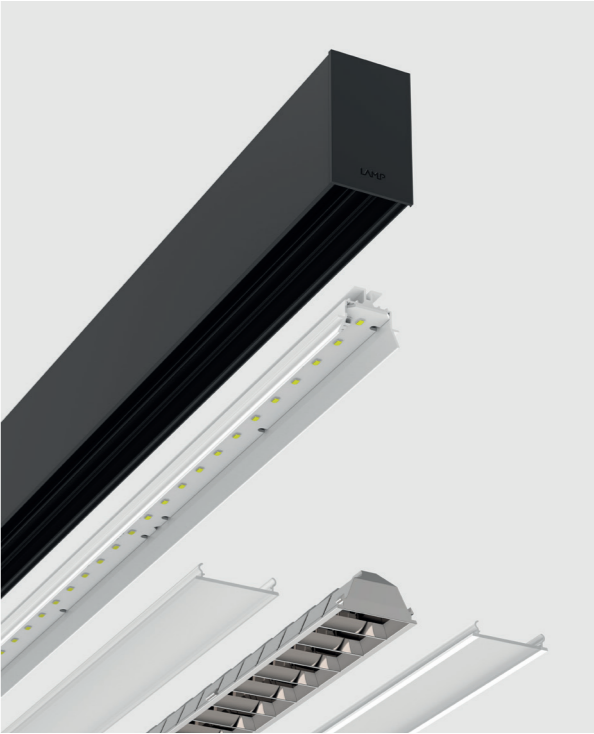
Recyled aluminium with ASI seal.



5% energy usage compared to the original process.

Savings 270 Tn CO₂ eq/year

42% CO₂ footprint reduction





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.**



SLOW BUILDING, SANT CUGAT (SPAIN)

What we do?



Working groups

We create interdisciplinary working groups, using agile and self-managed methodologies:

- Sustainability Commite
- Innovation Commite



Application segments

Depending on the different contributions that light brings to the user's experience in each space, we redefine the specific application segments.



Collaborative ecosystems

We develop internal-external collaboration ecosystems:

- R&D research and new materialities
- Partnership with adjacent industries



Your Light

We created an On Demand digital lighting consultancy service, integrated with the purchase and acquisition process of luminaires.



The Right Light, Your Light

2018

Brand identity

Redefining the brand's value proposition and corporate and visual identity.



2019

Open for innovation

Make Lamp a user-centric organisation by generating value propositions around innovative lighting application.

Implementation of the Design Thinking, Co-Creation and Visual Thinking methodology to understand in depth the social needs and requirements, through the NOMADIC project that collected 11 patterns through more than 40 interviews to 10 different professional profiles in more than 10 cities in 5 different countries, carried out by a transversal innovation acceleration group.

2020

Transformation for innovation

Internal transformation to prepare the organisation to embrace new business opportunities in the digital age.



2022

Transformación for circularity

Research and ideation project to analyse challenges and offer new solutions that add value from lighting to this new circular conception of architecture and building, thanks to a collaborative ecosystem.

2023

Business model focused on the circular economy

Candidacy for a European competition as part of the RECETRE project for the development of a business model that promotes circular lighting, based on a technological reactualisation model. Our candidacy was selected and classified as the fourth most voted proposal at European level in the RECETRE project.



INDOOR



AMBIENT 38



FIL 42



HANCE 68



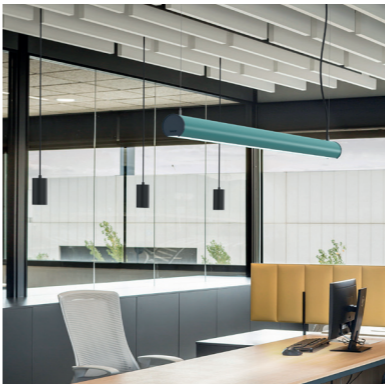
KOMBIC 76



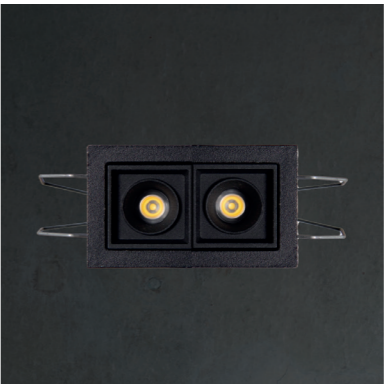
LAMPTUB 60 86



MUN 90



NOMADIC SYSTEM 94



OCULT 100



OCULT SYSTEM 104



QUIET 110



STORMBELL 80 118



TECHNICAL
CEILING LIGHTING
SOLUTIONS 124

Palettes



Retropia

Dreaming of past places, imagining a near future.

The **analogue renaissance** is a sample of the nostalgic current that invades all facets of reality, from entertainment to fashion and habitat. A way of escaping the **stresses of everyday** life and **looking to the near future**. Comfort, escapism and fun.



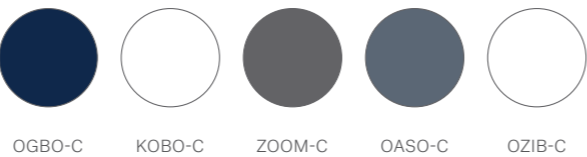
AMBIENT
FIL



Foundation

Facing the complex

As the world around us **becomes more complicated and more challenging**, we now look for ways to **make our lives easier**, if only for a few moments. Mindfulness, minimalism and slowing down.

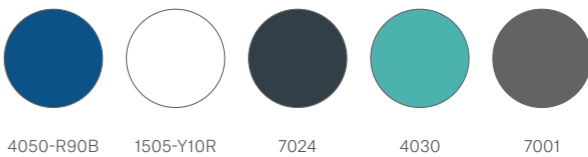


AMBIENT



Wellbeing

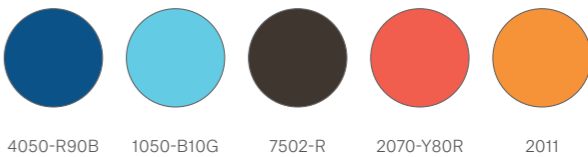
Physical and emotional wellbeing.



LAMPTUB 60

Be Social

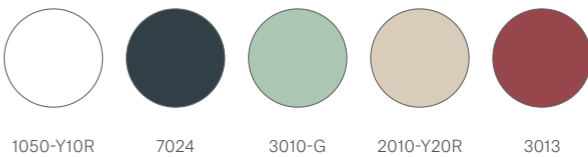
Interrelationships.



LAMPTUB 60

Materiality

Recovery of materiality, real experiences.



STORMBELL 80

AMBIENT

Technical ambient lighting: enhancing the three dimensions of the architectural space

A wall-mounted linear lighting solution that meets rigorous technical standards, enhancing the volumetric expression of the space.



Ambient

Technical ambient lighting

General and accent technical lighting, thanks to distribution options:

- Opal
- Asymmetrical
- Grazer
- Opal-Opal
- Opal-Asymmetrical
- Opal-Grazer
- Asymmetrical-Grazer

Designed to complement “task” lighting in offices, common spaces, areas dedicated to healthcare and well-being, as well as educational spaces.

Individual luminaire and continuous line system

An individual linear solution and continuous line system providing a broad range of lighting options to adapt to the specific needs of different spaces. Models with direct emission, direct and indirect emission, and multiple optical combinations.

Variety of finishes

Multiple finish options:

- Black and white as standard finishes.
- RAW: the most honest materiality, featuring a finish suitable for on-site paint to seamlessly blend with the space.
- Two new colour palettes, Retropía and Foundation, are introduced with this luminaire. Explore all the palettes on page 37.



Sustainability

Behind its minimalist and miniaturised design is a product designed under rigorous eco-design criteria, adhering to the 3R rule, facilitating repair and recyclability.

- High energy efficiency of over 100 lm/W.
- Manufactured from 80% recycled extruded aluminium with ASI certification.



Modelos Models Modèles	INDIVIDUAL Direct Direct/Indirect Double Switch	CONTINUA Direct Direct/Indirect Double Switch	
Dimensiones Dimensions	300-600-1200mm	600-1200mm	
LM LED	2500lm/m		
IRC CRI	80		
Ángulos apertura Opening angles Angles d'ouverture	Opal 	Asimétrico 	Grazer
Temp. Color Temp. Couleur	3000K	4000K	TW
Equipo Gear Alimentation	ON/OFF	DALI	
Potencia Power Pouvoir	Direct 6W 10W 19W	Direct / Indirect 10W 19W 35W	Double Switch 35W
Acabados Acc. Acc. Finishes Finitions Acc.	Black 02 	White 02 	

+ INFO



FIL

Versatility of light and high visual comfort

Fil is a versatile family. This design offers multiple installation and finishes, as well as a wide variety of luminous flux and optical features.

Fil

Visual comfort

Integrated lighting solutions meet high requirements:

- Active glare control: opal comfort.
- RG0 “risk-free” luminaires in accordance with the Photobiological Risk Standard UNE 62471.
- High visual comfort models with large shielding angle, black reflectors and use of ultra-comfort optics.

Modular and versatile

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

Sustainability

Designed under a circular economy concept that facilitates the recovery and reuse of the luminaires. Made from 80-85% recycled extruded aluminium.



The Fil family has been designed with ACV in mind (Life Cycle Analysis), and has EPD.



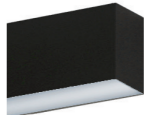
Fil 35



Fil 45



Fil 50



Fil 70



Fil 120



Fil Corner



Fil Corner



Fil Corner



Instalación / Installation



Trimless



Suspendido



Suspendido



Superficie



Empotrado



Superficie



Empotrado

Óptica / Optics / Optique



Basic



Comfort



Tech



Basic



Prismatic

Distribución / Distribution



Dimensiones / Dimensions

Basic	840mm	
Comfort	1120mm	
Tech	1400mm	
	1680mm	
	1960mm	
	2240mm	

1123mm	
1683mm	

1162mm	
1740mm	

Acabados / Finishes / Finitions



FIL 35

Reinventing a classic concept: Lighting expression

Individual or modular luminaire designed to provide general lighting in a wide variety of spaces, including segments such as Office, Common spaces, Healthcare & Wellness and Education. With the option of wall mounting, enriching our current portfolio.

Fil 35

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.

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.







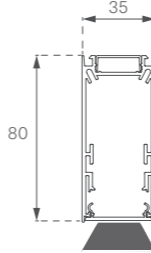
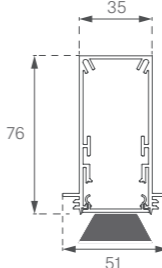
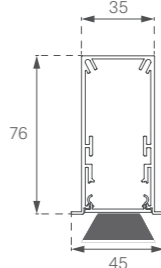







Variety of lengths

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.



Sustainability

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.

Modelos Models Modèles	OPAL	OPAL COMFORT	TECH	DIR/IND		
						
Dimensiones Dimensions	SURFACE	RECESSED	TRIMLESS			
						
LM LED	1200lm	1600lm	2000lm	2400lm	2800lm	3200lm
Longitudes Lengths Longueurs	840mm	1120mm	1400lm	1680lm	1960lm	2240lm
IRC CRI	80	90				
Ángulos apertura Opening angles Angles d'ouverture	Opal 	Opal Comfort 	Tech 	Dir/Ind 		
Temp. Color Temp. Couleur	3000K	4000K				
Equipo Gear Alimentation	ON/OFF	DALI				
Potencia Power Pouvoir	8W	11W	14W	16W	19W	22W
Acabados Acc. Acc. Finishes Finitions Acc.	Black 02 	White 02 	Grey 01 			

+ INFO



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.



Fil 45



Variety of light distributions

The Tech Ultracomfort option also offers two light distributions, using a black reflector of polycarbonate with a symmetrical (TE) or asymmetrical (TA) optic.

 **Sustainability**

Manufactured from recycled extrusion aluminum at a rate of 80- 85%, thus reducing the carbon footprint and environmental impact.

 **Visual comfort**

Opal Comfort: uniform opaline aesthetic, incorporates a technical sheet, providing greater control luminous (UGR<16).





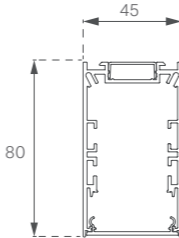
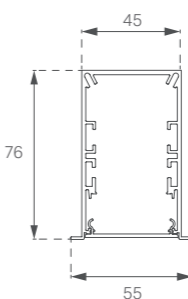
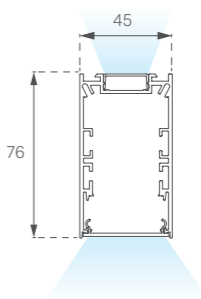







Tech UltraComfort: combined optics to offer an active glare control (UGR<15).

Dark light effect: satisfies the requirements of the limit of darkness that classifies it as (less than 200cd/lm 2 above a viewing angle of 60°). High real luminous efficiency (105lm/W).

Integrated functional and ambient lighting

Direct and indirect lighting integrated in the same luminaire: double lighting effect for suspension installation. Design designed for spaces in which you want to highlight the ceilings or achieve less visual fatigue, such as in work spaces and offices, avoiding high contrasts and glare.



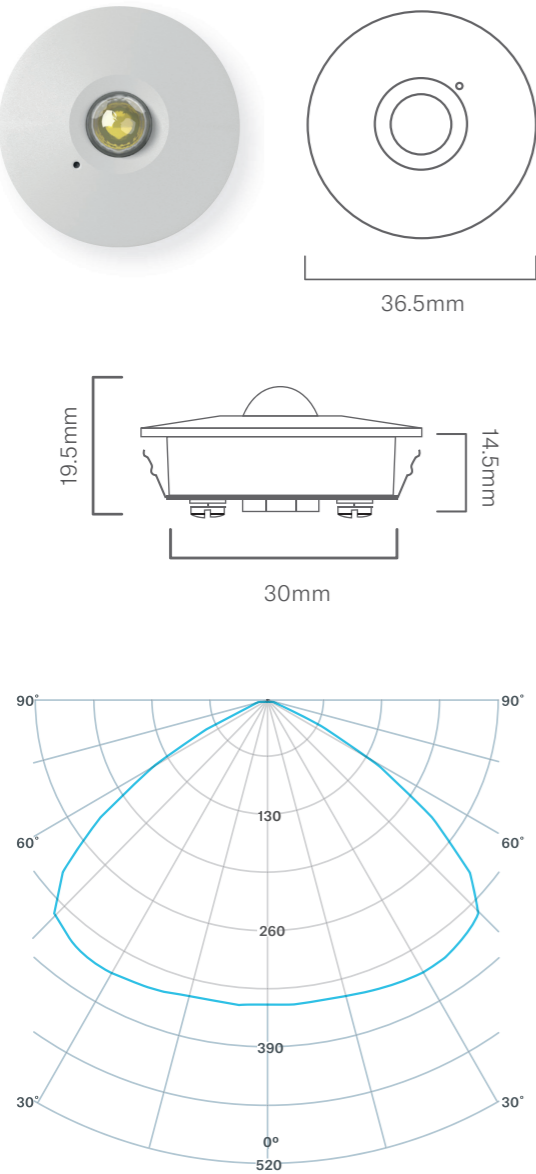
Modelos Models Modèles	OPAL	OPAL COMFORT		TECH	DIR/IND	
						
Dimensiones Dimensions	SURFACE	RECESSED		DIRECT/INDIRECT		
						
LM LED	1200lm	1600lm	2000lm	2400lm	2800lm	3200lm
	4560lm	6200lm	7750lm	9300lm	10850lm	12400lm
Longitudes Lengths Longueurs	840mm	1120mm	1400lm	1680lm	1960lm	2240lm
IRC CRI	80	90				
Ángulos apertura Opening angles Angles d'ouverture	Opal 	Opal Comfort 	Tech 	Dir/Ind 		
Temp. Color Temp. Couleur	3000K	4000K	TW	WB	TW WB	
Equipo Gear Alimentation	ON/OFF	DALI				
Potencia Power Pouvoir	8W	11W	14W	16W	19W	22W
	27W	36W	45W	54W	63W	72W
Acabados Acc. Acc. Finishes Finitions Acc.	Black 02 	White 02 	Grey 01 			

+ INFO



Fil 45: Emergency

Emergency kits Fil 45 offer a fully integrated solution in the luminaires to provide safety, regulatory compliance, ease of installation and maintenance. It is a reliable solution that guarantees the safety of users.

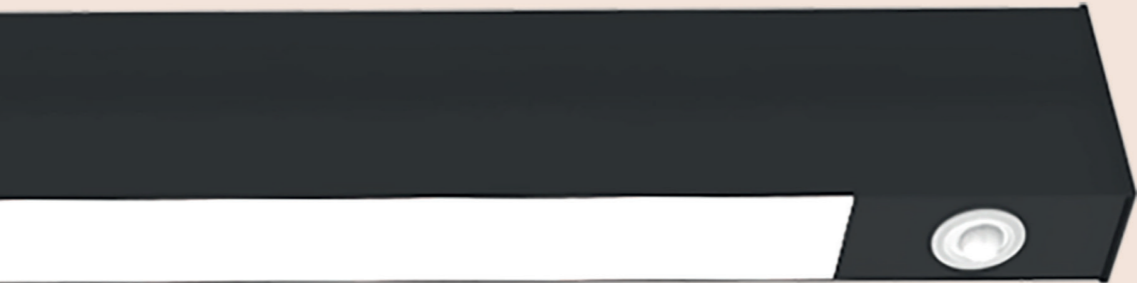


Integrated emergency system

All integrated in a single lighting solution. It guarantees the availability of emergency lighting in case of power outages, which increases the safety of users and allows a safe evacuation in emergency situations. Integrated status indicator for operation confirmation. Standard technology.

Versatility and flexibility

Availability of 3h autonomy that ensures uninterrupted operation during emergency situations, depending on needs.



Fil 45: Light Sensor

The luminosity and presence sensor complement for the Lamp Fil 45 luminaire offers advantages in terms of energy saving, visual comfort, convenience and regulatory compliance.

Energy saving

The luminosity and presence sensor complement allows the Fil 45 luminaire to automatically adjust its lighting level based on the amount of natural light available in the environment. This ensures efficient use of energy by avoiding unnecessary switching on of lights when there is sufficient natural light.

Visual comfort

By adapting to ambient light conditions, the Fil 45 luminaire provides a comfortable, glare-free environment, which contributes to the visual wellbeing of users.

Efficient interaction

Allows automatic switching on of the luminaire when presence is detected in the room. As well as automatic shutdown when there is no presence, it also allows the custom configuration of a gradual shutdown, allowing the flow to be reduced for a few minutes, before proceeding to complete shutdown, according to specification.



Fil 45: Curve



Radius of curvature

365mm
545mm

Compatibility and versatility



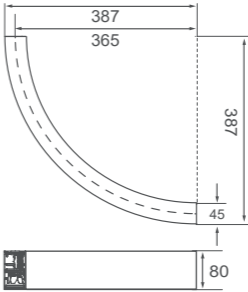
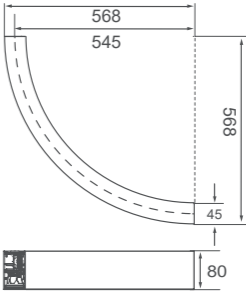





Combinable with other products from the Fil 45 such as straight lines, 90° corners and even personalized angles. This allows for creative optimization in lighting projects and greater flexibility in the design.

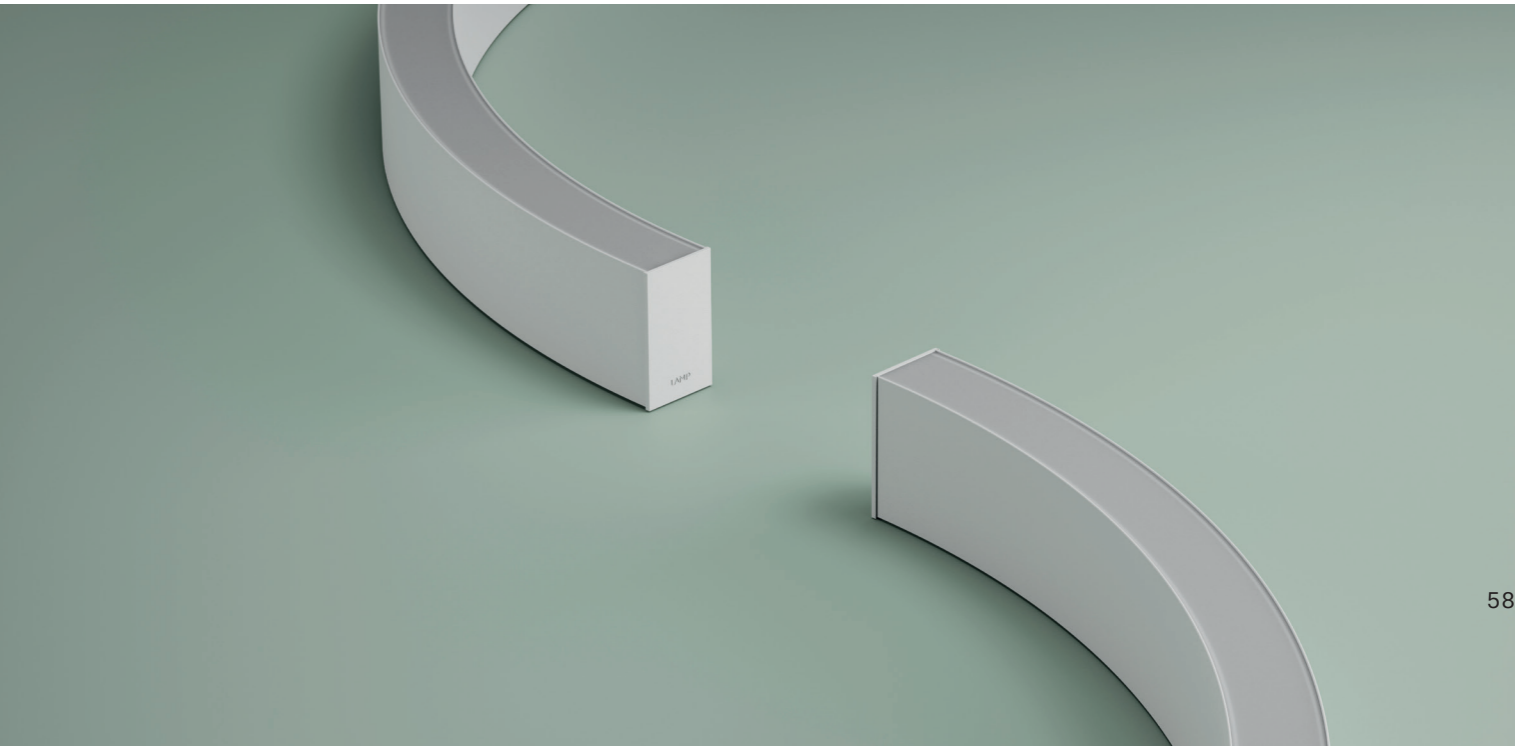
Installation flexibility

Available in surface profile and with suspension option, facilitating its integration into different configurations and lighting designs.

Personalization

Possibility of manufacturing custom radii of curvature to meet specific lighting requirements. Our team is trained to design custom lighting shapes, sizes and technologies.
Min. custom radius: 365mm.
Max. custom radius: on request.

Modelos Models Modèles	OPAL	OPAL COMFORT		
				
Dimensiones Dimensions	SURFACE			
				
Radios	365mm	545mm		
IRC CRI	80	90		
Ángulos apertura Opening angles Angles d'ouverture	Opal 	Opal Comfort 		
Temp. Color Temp. Couleur	3000K	4000K		
Equipo Gear Alimentation	ON/OFF	DALI		
Acabados Acc. Acc. Finishes Finitions Acc.	Black 02 	White 02 	Grey 01 	



FIL SYSTEM

Modular and versatile

Fil System offers exceptional configuration and versatility, using FIL45 as the solid basis of its structure. Taking advantage of the FIL45 lighting structure in all its variants, we have developed a highly configurable system that allows the integration of other LAMP product families.

Fil System

Configurator

Fil 45



Fil 45 Curve



*365MM, 545MM AND CUSTOMISED BENDING RADII.

Fil 45 Corner

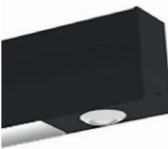


*90° AND CUSTOMISED ANGLES.

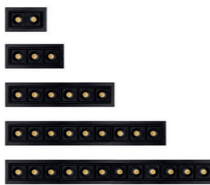
Fil 45 Emergency



Fil 45 Light Sensor



Ocult



Hance



FIL 50

Integration into any interior space

Fil 50 is a family of structures characterised by their neutral, minimalist and timeless design. These qualities and its wide range will undoubtedly allow an infinite number of applications in all types of interior spaces.

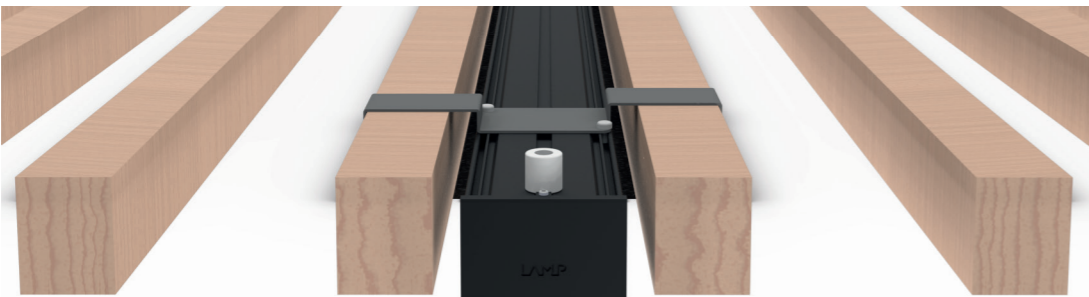
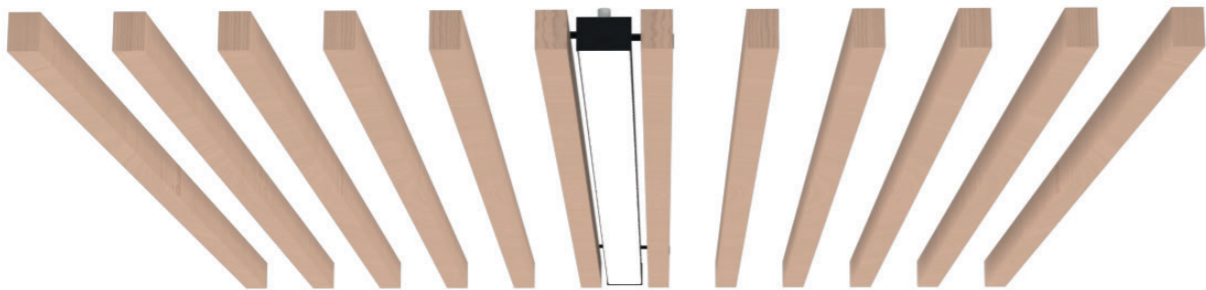
Fil 50

Versatility in spaces

A family of structures distinguished by its neutral, minimalist and timeless design. These features, coupled with its broad range, undeniably enable numerous applications in various interior spaces.

Slim option for technical louvre ceilings

Fil 50 provides a Slim option to insert luminaires between louvres or replace one of them, delivering high-quality general lighting. It adapts in terms of comfort, technology and installation. Installation is facilitated through an accessory for placing luminaires between 2 louvres, depending on the desired distance between the louvre and the luminaire.


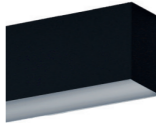

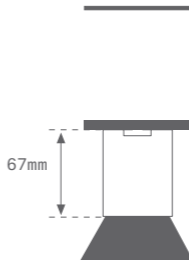
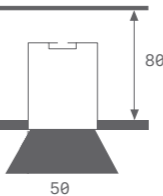
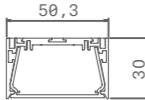






Configurable geometries

A linear system that allows the configuration of continuous lines through joints and the creation of special geometries using 90° corners. Various angles, not less than 60°, are available upon request.

 **Sustainability**

Manufactured from recycled extrusion aluminum at a rate of 80- 85%, thus reducing the carbon footprint and environmental impact.

Modelos Models Modèles	OPAL	PRISMATIC	SLIM	
				
Dimensiones Dimensions	SURFACE	RECESSED	SLIM	
				
LM LED	3300lm	5000lm	6500lm	9800lm
Longitudes Lenghts Longueurs	1123mm	1683mm		
IRC CRI	80			
Ángulos apertura Opening angles Angles d'ouverture	Opal 	Prismatic 		
Temp. Color Temp. Couleur	3000K	4000K		
Equipo Gear Alimentation	ON/OFF	DALI		
Potencia Power Pouvoir	21W	31W	40W	59W
Acabados Acc. Acc. Finishes Finitions Acc.	White 02 	Grey 01 		

+ INFO

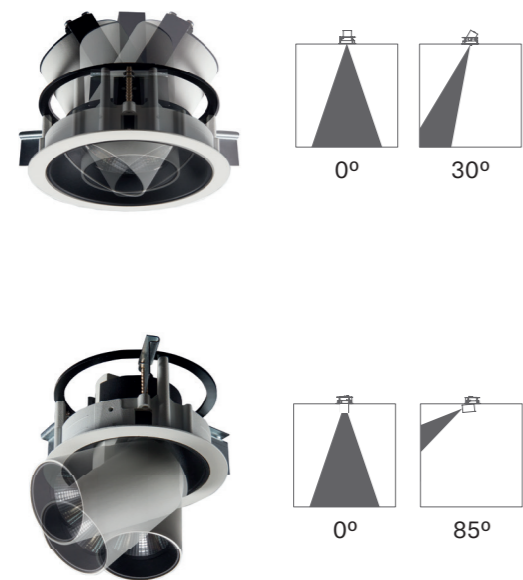


HANCE DOWNLIGHT

Endless possibilities

High performance, sophisticated style and versatility in a recessed lighting solution that exceeds your expectations. Design based on flexibility within retail spaces, a new family of accent lighting is born, characterised by its wide range and application.

Hance Downlight



High flow recessed solutions

Downlights designed in a variety of sizes and fluxes bright, from 975lm to 4,100lm real.

Integrated model: with a rotation of 355° and inclination from 0° to 30°, for applications where the product goes unnoticed and is seeks maximum integration in space.

Semi-recessed model: with a rotation of 355° and inclination from 0° to 85°, for applications with higher requirements light direction. Fix lighting shelves where uniformity is required throughout the vertical plane.





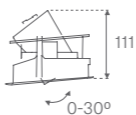
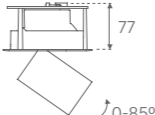
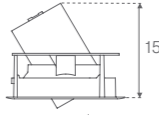
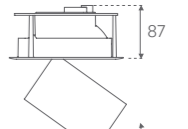
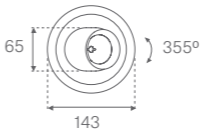
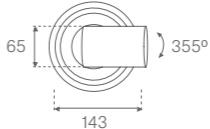
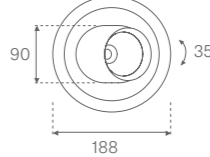
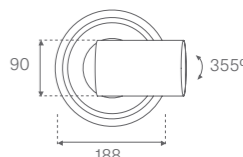










High efficiency and variety of lighting options

Maximum energy efficiency, up to 127lm/W. Available in different color temperatures, (3000-4000K) and high color rendering (CRI90), offers great variety of opening angles to adapt to the needs of lighting: super spot (10°), spot (20°), medium flood (25°) and flood (35°).

Variety of finishes and additional accessories

Interchangeable and customizable rings that allow you to incorporate various optical accessories in an integrated way and adapt to the lighting requirements with coherence and meaning in space.



Modelos Models Modèles	RECESSED 1000/2000	SEMI-RECESSED 1000/2000	RECESSED 3000/4000	SEMI-RECESSED 3000/4000
				
Dimensiones Dimensions				
				
LM LED	1000-2000lm		3000-4000lm	
IRC CRI	80		90	
Ángulos apertura Opening angles Angles d'ouverture	SSP 10° 	SP 16° 	MFL 23° 	FL 34°-32° 
Temp. Color Temp. Couleur	2700K		3000K 4000K	
Equipo Gear Alimentation	ON/OFF		DALI	
Potencia Power Pouvoir	7-18W		25-35W	
Acabados Finishes Finitions	Black 03 	White 03 		
Acabados Acc. Acc. Finishes Finitions Acc.	Black 03 	White 03 	Silver Metalized 	Copper Metalized 

+ INFO



HANCE SPOTLIGHT

Endless possibilities

Designed with flexibility in mind, Hance Spotlight is the perfect choice for retail and exhibition lighting. With an enhanced efficiency of 127lm/W, this family of accent lighting stands out for its versatility and applicability in a variety of environments. We are committed to technological innovation and look forward to an infinite horizon of possibilities.

Hance Spotlight

Responsive designed

Our spotlight projectors are available in three installation options: track, surface or semi-recessed, (355° rotation and inclination from 0° to 90°) providing versatility in your installation. Furthermore, the family is complemented with their downlight versions.

High efficiency and variety of lighting options

Maximum energy efficiency, up to 133lm/W. Available in different color temperatures, (3000-4000K) and high color rendering (CRI80-90), offers wide variety of opening angles to adapt to the lighting needs: super spot (10°), spot (20°), medium flood (25°) and flood (35°).







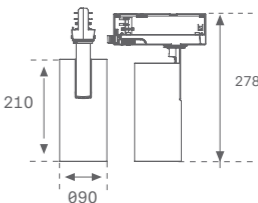
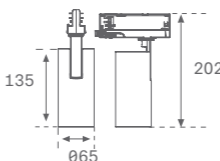
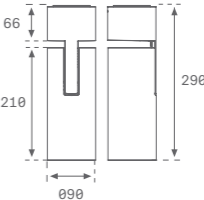
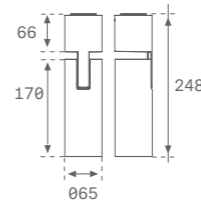
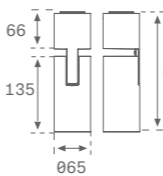
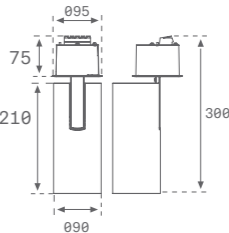
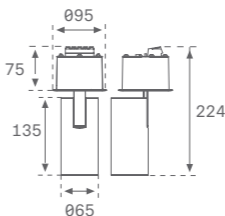
Variety of finishes and accessories

The body is available in two standard finishes elegant: textured black and white, incorporating an anti-glare ring black, also available in metallic copper, silver and white. Wide range of accessories.

Integration with space

Models with 48V rail installation that seek maximum integration in space with a miniaturized design and little intrusive with the environment.



Modelos Models Modèles	1000	2000	3000	4000
				
Dimensiones Dimensions	<div>TRACK</div> <div></div> <div><div>SURFACE</div><div></div></div> <div><div>SEMI-RECESSED</div><div></div></div>			
LM LED	500lm	700-1000lm	1000-2000lm	3000-4000lm
IRC CRI	80	90		
Ángulos apertura Opening angles Angles d'ouverture	SSP 10º	SP 13º-17º	MFL 19º-23º	FL 26º-37º
Temp. Color Temp. Couleur	2700K	3000K	4000K	
Equipo Gear Alimentation	ON/OFF	DALI		
Potencia Power Pouvoir	5W	8-18W	25-35W	
Acabados Finishes Finitions	Black 03	White 03		
Acabados Acc. Acc. Finishes Finitions Acc.	Black 03	White 03	Silver Metalized	Copper Metalized

+ INFO

+ INFO



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.

Kombic

Three versions in a single solution

- **Basic:** opal model, for general lighting.
- **Comfort:** model with optics, UGR<16 and efficiency up to 107.60lm output/W.
- **Efficiency:** model with reflector, different apertures. UGR <19, and efficiencies up to 130 lm output/W.

Visual comfort

- Active glare control: UGR<16.
- RG0 ‘risk exempt’ luminaires according to the Photobiological Safety standard UNE 62471.
- Wellbeing dynamic lighting, from a wide range of available technologies.

Elliptic and Wallwasher optics

- **Elliptical optics** for optimised light distribution. This luminaire makes it possible to increase the distance between luminaires, reducing the effect of residual light on walls. Ideal for illuminating passageways, long areas such as counters and spaces adjacent to work areas.
- **Wallwasher optics** for control of light distribution to the vertical surface without dark zones.

Variety of segments

Ideal luminaire for a wide variety of segments:

- Office
- Common Spaces
- Healthcare & Wellness

Versatile in applications

Recessed, surface-mounted, suspended and nomadic system version (adaptation to electrified rail).

Sustainability

- Designed under the 3R criteria: reduction of materials, reuse and recyclability.
- 96% reduction of the CO2 footprint (per part) in manufacturing thanks to the use of recycled polycarbonate R-PC FR WHITE TM in the reflector.
- Use of bromine-free flame retardant.
- Flammability rating V0 according to UL94.
- EDP according to UNE 15804.



Kombic 70

Downlight



Óptica / Optics / Optique

Downlight

Basic



Opal 54°

Comfort



Optic WF 52°
Elliptic EL

Efficiency



Reflector
RF 33°
RW 52°

IP

Basic

IP44 IP65

Comfort

IP23

Efficiency

IP23

Acabados / Finishes / Finition



Kombic 100

Downlight



Surface



Track

NS



Suspended Track

NS



Óptica / Optics / Optique

Downlight



Opal 67°



Optic WF 56°
WallWasher WW
Elliptic EL



Reflector
RF 33°
RW 60°

Surface



Opal 67°



Optic WF 56°



Reflector
RF 33°
RW 60°

Kombic 150

Downlight



Surface



Óptica / Optics / Optique

Downlight & Surface



Opal 66°



Optic WF 61°



Reflector
RF 33°
RW 55°

IP

Basic

IP43 IP65

Comfort

IP43

Efficiency

IP23

Acabados / Finishes / Finition




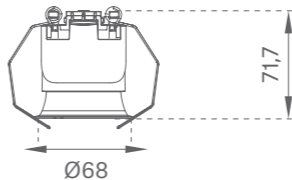











ON/OFF 120mm
DALI 180mm
TW 220mm

180mm

NS NOMADIC SYSTEM

Kombic 70

Modelos Models Modèles	OPAL		OPTIC		REFLECTOR	
						
Dimensiones Dimensions						
LM LED	1500lm					
IRC CRI	80		90			
Ángulos apertura Opening angles Angles d'ouverture	Opal	Optic WF 52º		Reflector RF 33º	Reflector RW 52º	Elliptic
						
Temp. Color Temp. Couleur	2700K		3000K		4000K	
Equipo Gear Alimentation	ON/OFF		DALI			
Acabados Finishes Finitions	Black 02 		White 02 			
Acabados Acc. Acc. Finishes Finitions Acc.	Black 02 		White 02 			

+ INFO



Kombic 100






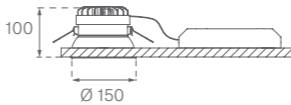
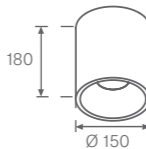










Modelos Models Modèles	OPAL 		OPTIC 		REFLECTOR 	
Dimensiones Dimensions	DOWNLIGHT 		SURFACE 			
LM LED	1500lm	2000lm	2500lm			
IRC CRI	80	90				
Ángulos apertura Opening angles Angles d'ouverture	Opal 	Optic WF 56° 	Reflector RF 33° 	Reflector RW 60° 	Elliptic 	WallWasher
Temp. Color Temp. Couleur	2700K	3000K	4000K	TW	WB	
Equipo Gear Alimentation	ON/OFF	DALI				
Potencia Power Pouvoir	12-18W					
Acabados Finishes Finitions	Black 02 	White 02 				
Acabados Acc. Acc. Finishes Finitions Acc.	Black 02 	White 02 	Metalized Matt 	Bright 		

+ INFO



Kombic 150



Modelos Models Modèles	OPAL		OPTIC		REFLECTOR	
						
Dimensiones Dimensions	DOWNLIGHT		SURFACE			
						
LM LED	2000lm	2500lm	3000lm	3500lm		
IRC CRI	80	90				
Ángulos apertura Opening angles Angles d'ouverture	Opal	Optic WF 61º	Reflector RF 33º	Reflector RW 55º		
						
Temp. Color Temp. Couleur	2700K	3000K	4000K	WB		
Equipo Gear Alimentation	ON/OFF	DALI				
Potencia Power Pouvoir	12-18W	12-25W				
Acabados Finishes Finitions	Black 02	White 02				
						
Acabados Acc. Acc. Finishes Finitions Acc.	Black 02	White 02	Metalized Matt	Bright		
						

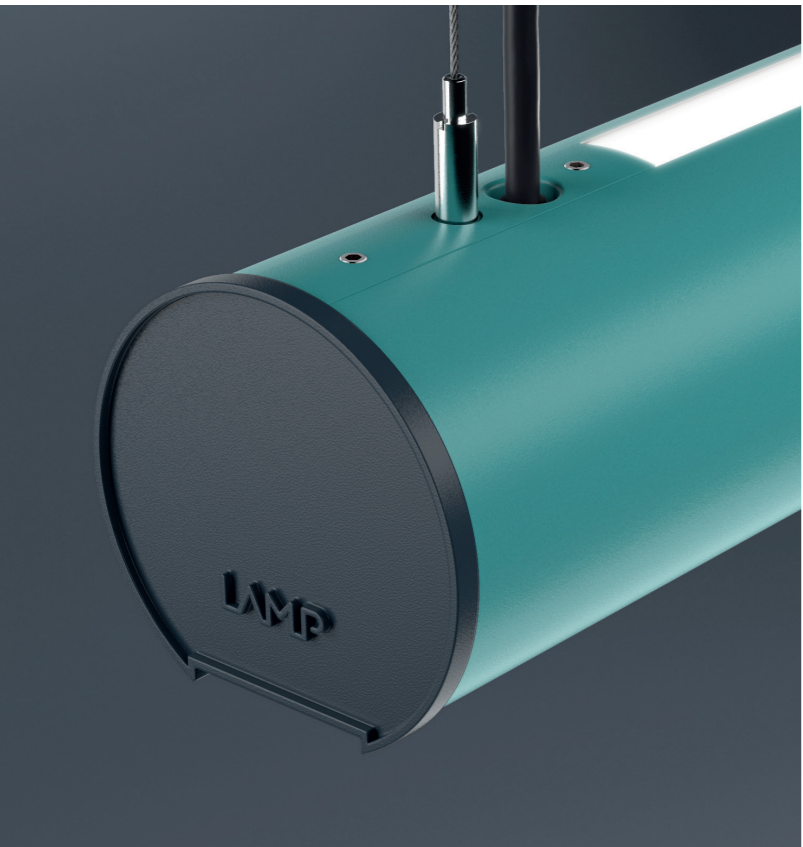


LAMPTUB 60

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.

Lamptub 60



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.

Visual comfort: tech

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.



Modelos Models Modèles	SUSPENDED RECESSED	SUSPENDED SURFACE	SUSPENDED TRACK	TRACK
Dimensiones Dimensions	DIRECT	DIRECT/INDIRECT		
LM LED	500lm	700-1000lm	1000-200lm	3000-4000lm
IRC CRI	80	90		
Ángulos apertura Opening angles Angles d'ouverture	Opal 	Opal Comfort 	Tech 	Dir/Ind
Temp. Color Temp. Couleur	2700K	3000K	4000K	
Equipo Gear Alimentation	ON/OFF	DALI		
Potencia Power Pouvoir	5W	8-18W		
Acabados Finishes Finitions	Black 03 	White 03 		
Acabados Acc. Acc. Finishes Finitions Acc.	Black 03 	White 03 	Silver Metalized 	Copper Metalized

+ INFO



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?

Mun

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, which is a Harmonic proportion found frequently in nature.



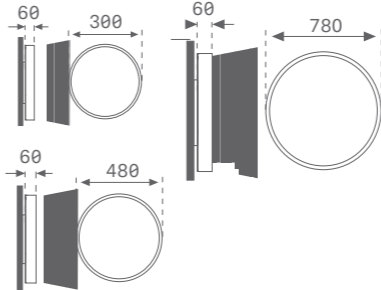
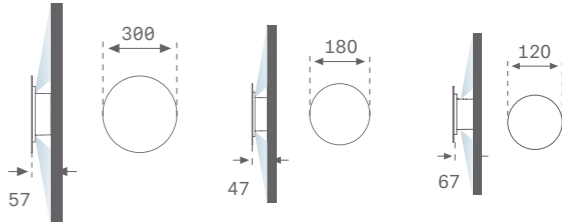




Mun Light: minimum height and maximum uniformity

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: mompositions and visual comfort

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

Modelos Models Modèles	LIGHT	DARK
		
Dimensiones Dimensions		
LM LED	1000lm-1700lm	100-300lm
IRC CRI	80	
Ángulos apertura Opening angles Angles d'ouverture	General 	360° 
Temp. Color Temp. Couleur	3000K	4000K
Equipo Gear Alimentation	ON/OFF	
Potencia Power Pouvoir	8-60W	1-3W
Acabados Finishes Finitions	Black 03 	White 03 

+ INFO
LIGHT



+ INFO
DARK



NOMADIC SYSTEM

Flexible spaces, adaptable to the new needs of each use

At Lamp, we adapt our luminaires to integrate them into this rail system, making the lighting versatile. This ensures that, with any modification in the space, the lighting can be easily adapted to always keep the concept and the lighting project adjusted to the changing needs. If the environment can change, so should the lighting. The Nomadic System allows for relocation, expansion and upgrading of the installation.

Nomadic System

Dynamic and versatile design

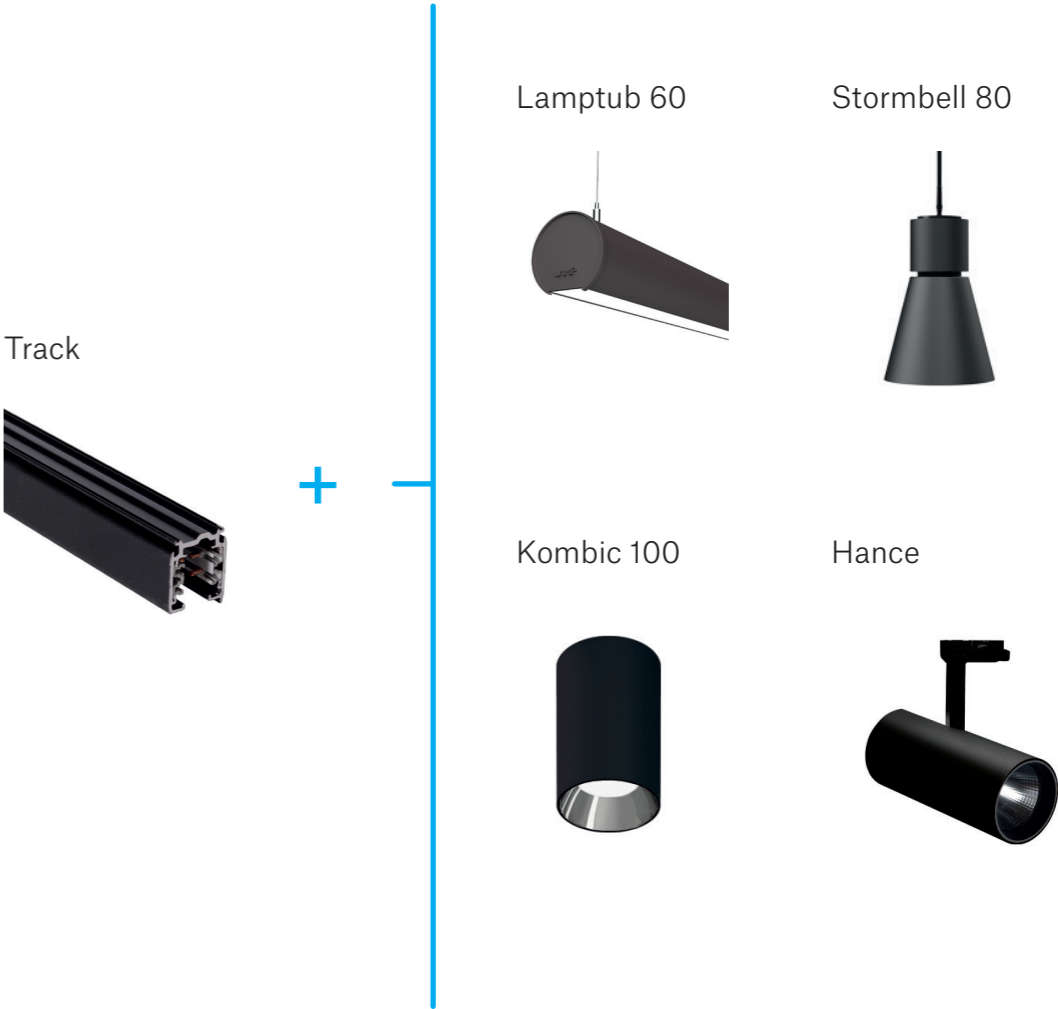
Lighting that adapts to the needs of architectural and lighting design, with multiple options and a lighting system that easily adapts to special configuration changes.

Integration in space

with multiple options and a lighting system that easily adapts to special configuration changes.

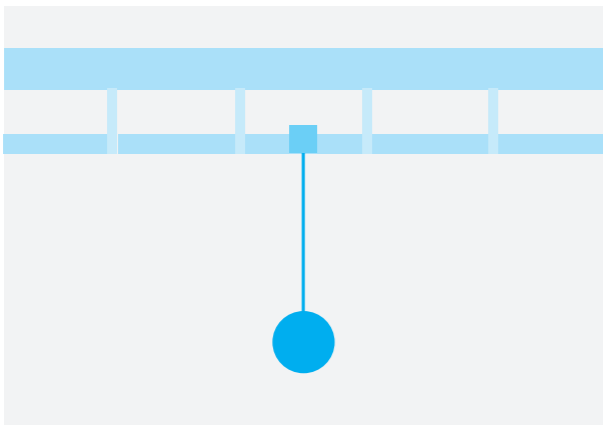
Sustainability

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

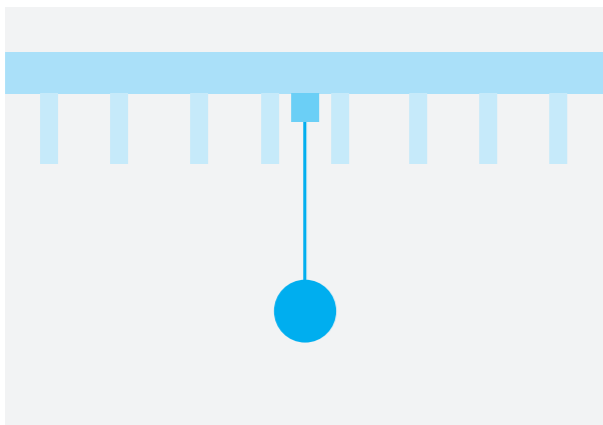


+ INFO

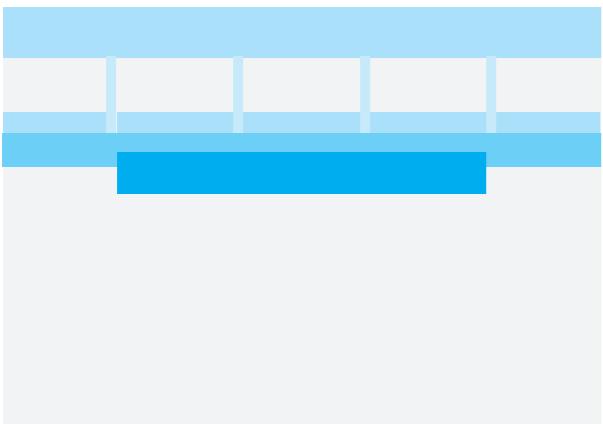




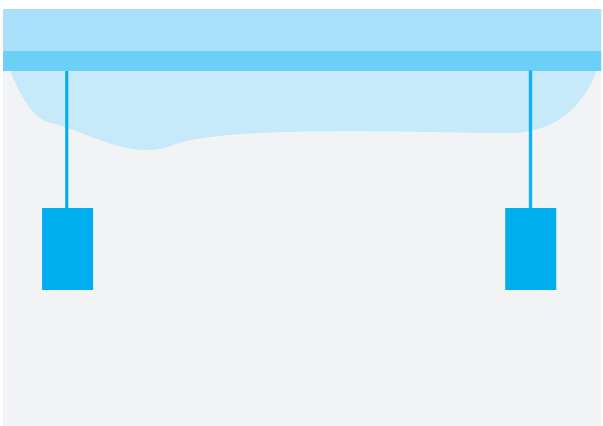
Spaces with hidden installations
(continuous false ceiling).



Spaces with hidden installations
(slatted false ceiling).



Spaces with view installations
(metal tray).



Spaces with view installations
(multi-format ceilings).



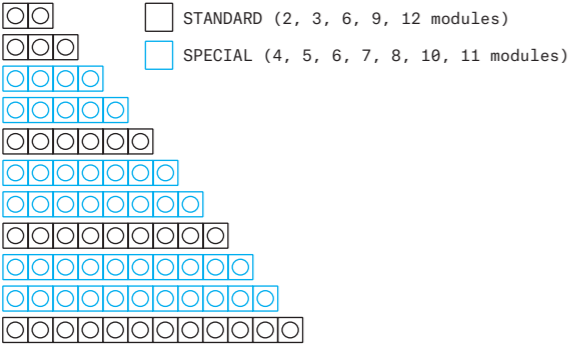
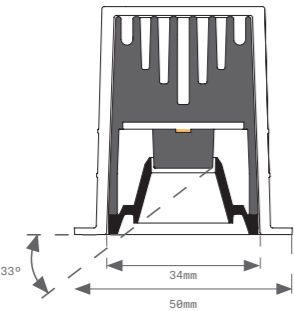
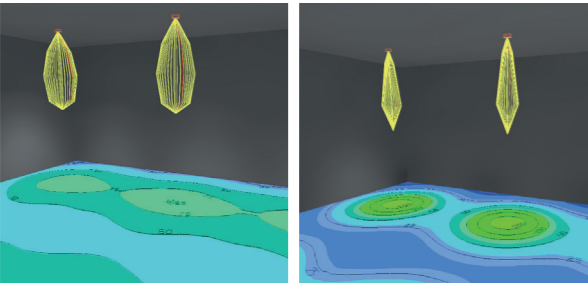
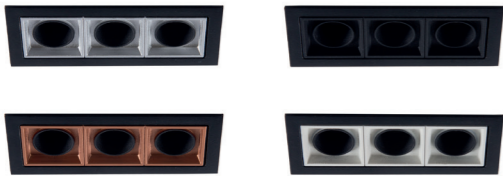


OCULT DOWNLIGHT

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.

Ocult Downlight



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 <15UGR (for 4H, 8H 70/50/20) depending on the optics.

Versatility

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.

Modelos Models Modèles	2 MODULES	3 MODULES	6 MODULES	9 MODULES	12 MODULES
Dimensiones Dimensions	FRAME 				
	TRIMLESS 				
LM LED	400lm	600lm	1200lm	1800lm	2400lm
IRC CRI	80				
Ángulos apertura Opening angles Angles d'ouverture	MFL 24° 		WFL 48° 		
Temp. Color Temp. Couleur	3000K		4000K		
Equipo Gear Alimentation	ON/OFF		DALI		
Potencia Power Pouvoir	4W	6W	12W	18W	24W
Acabados Finishes Finitions	Black 03 	White 03 	Silver Metalized 	Copper Metalized 	

+ INFO



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.

Ocult System

Application versatility

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

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.

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.

Configurator



Online configurator to create the perfect system for every space.

1. INSTALLATION



Recessed

Surface

Suspended

2. FORMAT



Linear

Corner

U Format

Square

Customizable

3. LIGHT MODULES



500lm



1000lm

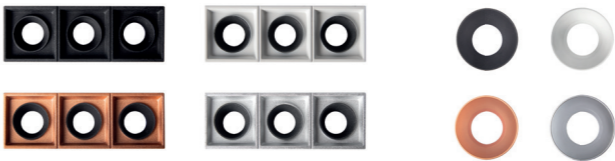


Downlight

Spotlight

Pendular

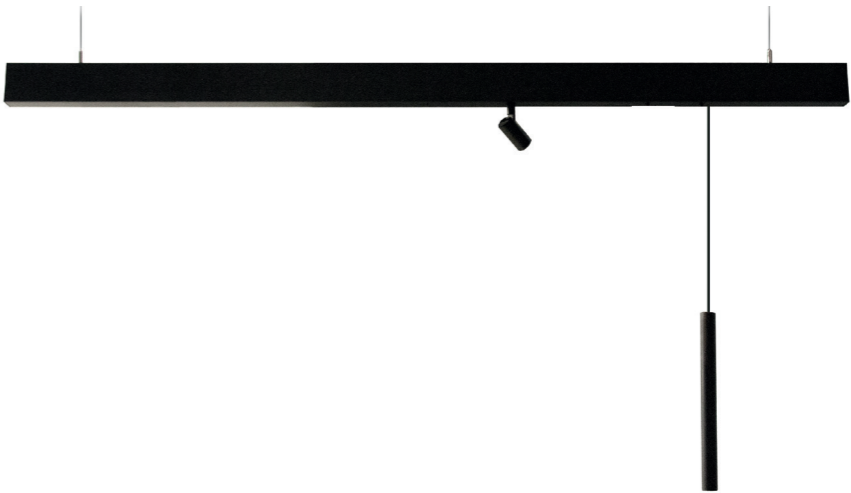
4. ACCESSORIES







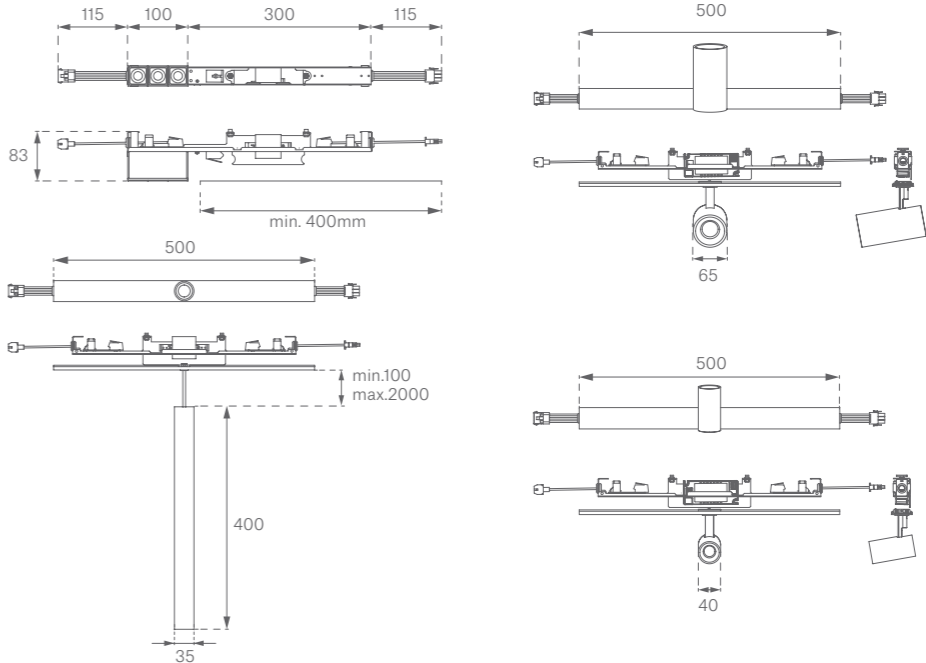










Downlight

Spotlight

5. SOLUTION





Modelos Models Modèles	DOWNLIGHT	SPOTLIGHT 500	SPOTLIGHT 1000	PENDULAR	
					
Dimensiones Dimensions					
LM LED	600-2400lm	500lm	500-1000lm		
IRC CRI	80				
Ángulos apertura Opening angles Angles d'ouverture	MFL 19°-23°-24° 	WFL 48° 	SP 13-17° 	SSP 10° 	FL 26°-37°-39° 
Temp. Color Temp. Couleur	3000K	4000K			
Equipo Gear Alimentation	ON/OFF	DALI			
Potencia Power Pouvoir	6-24W	5W	8-9W	4W	
Acabados Finishes Finitions	Black 02 				
Acabados Finishes Finitions	Black 02 	White 02 	Silver Metalized 	Copper Metalized 	

+ INFO

+ INFO



QUIET

Portfolio of integrative solutions lighting and acoustic comfort

It promotes well-being by prioritising two of the fundamental pillars that form part of environmental comfort: acoustic conditioning and visual comfort, evolving the concept of Wellbeing lighting, aimed at having a positive impact on people's well-being. It has personalised finishes, which have an important common thread: they have been developed under eco-design criteria.

Quiet

Integral Wellbeing solution

- Lighting solution with low VOC emissions without formaldehyde.
- Active glare control: opal and opal comfort diffuser.
- RGO "risk exempt" luminaires according to the Photobiological Safety standard UNE 62471.
- High visual comfort models with large shielding angle, black reflectors and Ultra comfort 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, beveling, printing) and made-to-measure developments available.

Consultancy services

To perfectly integrate the lighting and acoustic project.

Sustainability

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 has a comfortable design and the following sound-absorbing characteristics:

- rPET material: composed of 75% recycled rPET plastic.
- Sound absorption: α_w 0.6-0.95.
- Volatile emissions: LOW VOC.
- Fire resistance: B-s1, d0.

+ INFO



CONFIGURATOR QUIET
STANDARD

Baffle Fil 45



Round Kombic



100
Opal W/M
Optic
Reflector B/M

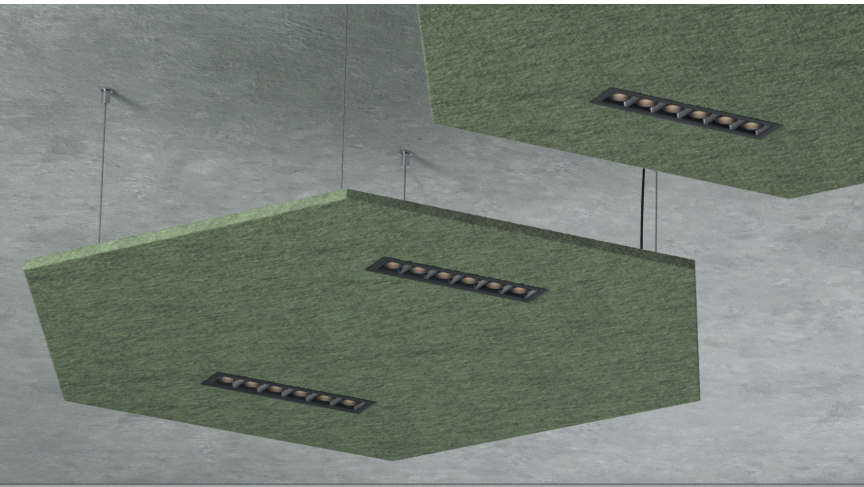


Square and
Rectangle Ocult



CUSTOM

Hexagon Ocult



QUIET FINISHES
STANDARD COLOURS



K05 - Charcoal



Z04 - Light Camel



Z97 - Cactus Green

COLOURS



Z12 - Dark Camel



Z32 - Brown



E35 - Dark Coffee



Z28 - Gold Bronze



E23 - Acorn Brown



E14 - Light Brown



E20 - Desert Brown



K10 - Chocolate



Z41 - Milk Coffee



Z39 - Red Coffee



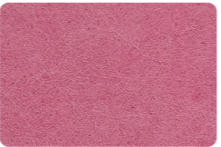
K09 - Khaki



Z33 - Cantaloupe



E87 - Light Salmon



25 - Pink



E32 - Opera Red



Z46 - Orange



E34 - Hot Chili



Z24 - Burdeaux



Z50 - Violet



Z49 - Lavender



Z05 - Apricot



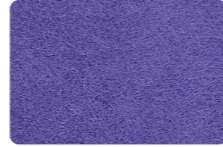
E28 - Candy Red



K06 - Vermillion



Z08 - Crimson



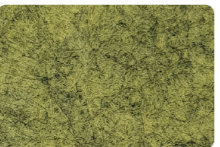
E31 - Rainy Purple



E16 - Vanilla



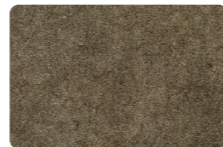
Z43 - Pistachio



K20 - Honeybee Yellow



K15 - Mustard



E22 - Dry Ocher



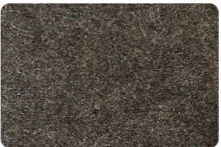
Z51 - Apple Green



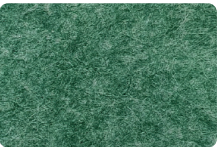
K16 - Peppermint



Z17 - Dark Green



Z34 - Olive Green



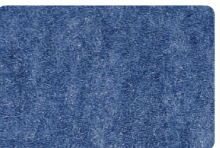
Z10 - Grass Green



E30 - Forest Green



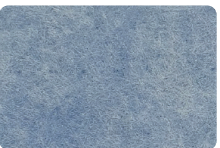
E38 - Eucalyptus Green



E46 - Sea Blue



Z25 - Sky Blue



Z14 - Light Blue



Z19 - Navy Blue



K14 - Lake Blue



K08 - Royal Blue



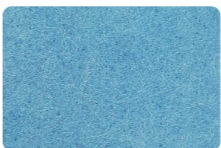
Z30 - Water Grey



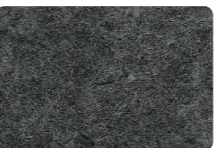
E51 - Saiyan God Blue



K11 - Watt Grey



K23 - Caribbean Blue



Z37 - African Grey



Z36 - Moonlight Grey



Z11 - Marble Grey



K13 - Black

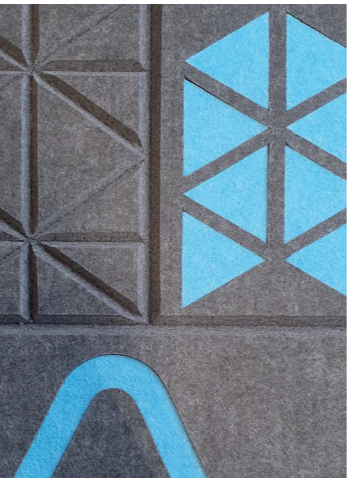


K02 - Creamy White



Z07 - White

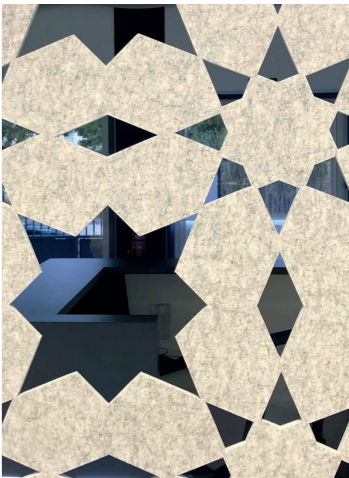
CUSTOMISATIONS



Prints



Bevelled



Die-cuts

STORMBELL 80

Making the office
feel like home

Stormbell 80 maintains the technical requirements by offering high quality lighting, lighting comfort and glare control while adopting a friendly language for new and evolving spaces.

DESIGN BY ARTIC STUDIO

Stormbell 80



Technological miniaturisation

Through miniaturisation and the proposal of 4 models of bells of different shapes, sizes and materials, this solution generates various sensations of light and light proximity.



Sustainability

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).

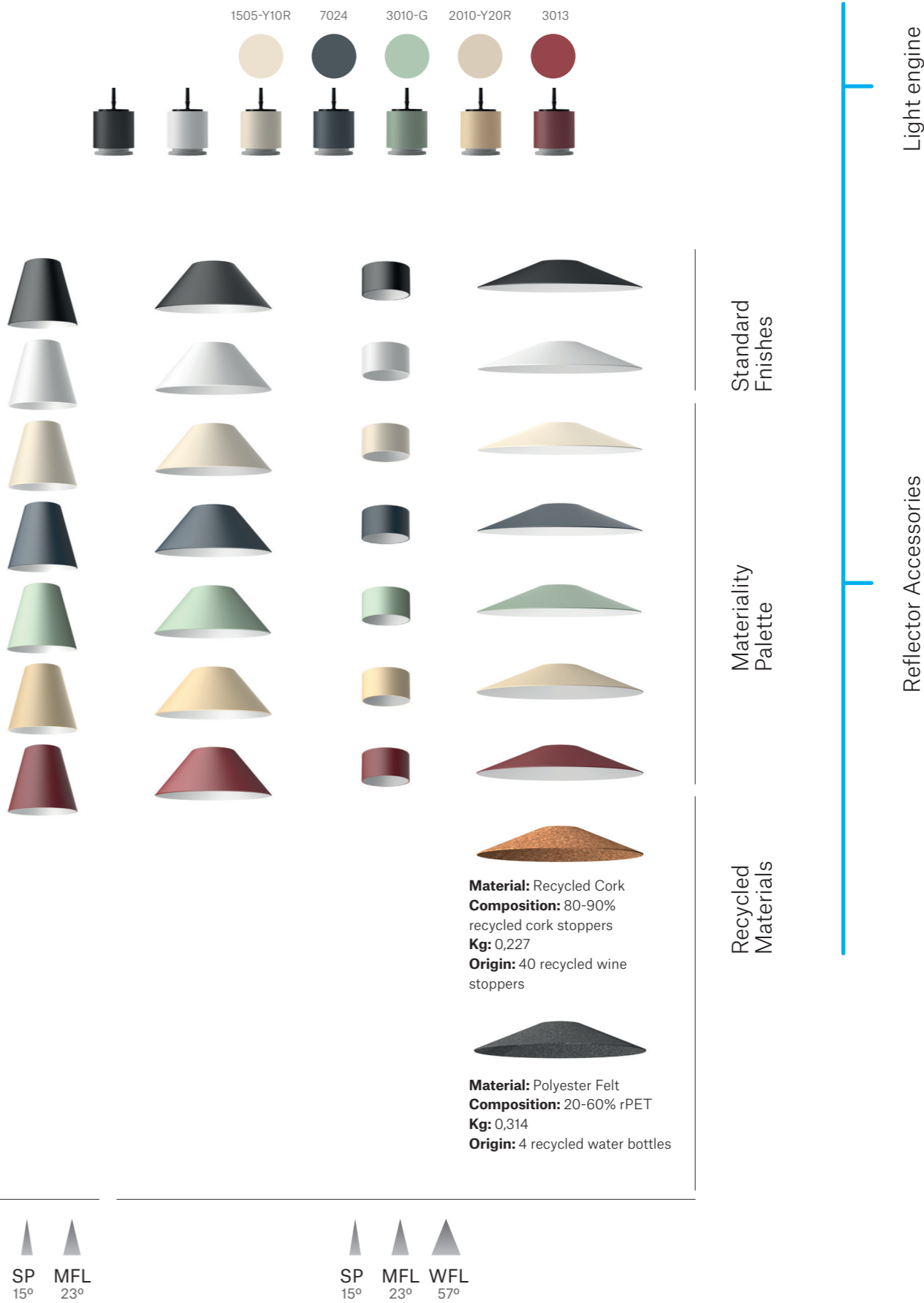


Flexible lighting

Multiple installation possibilities: suspended with recessed or surfacemounted rose or rail installation for Nomadic System integration.

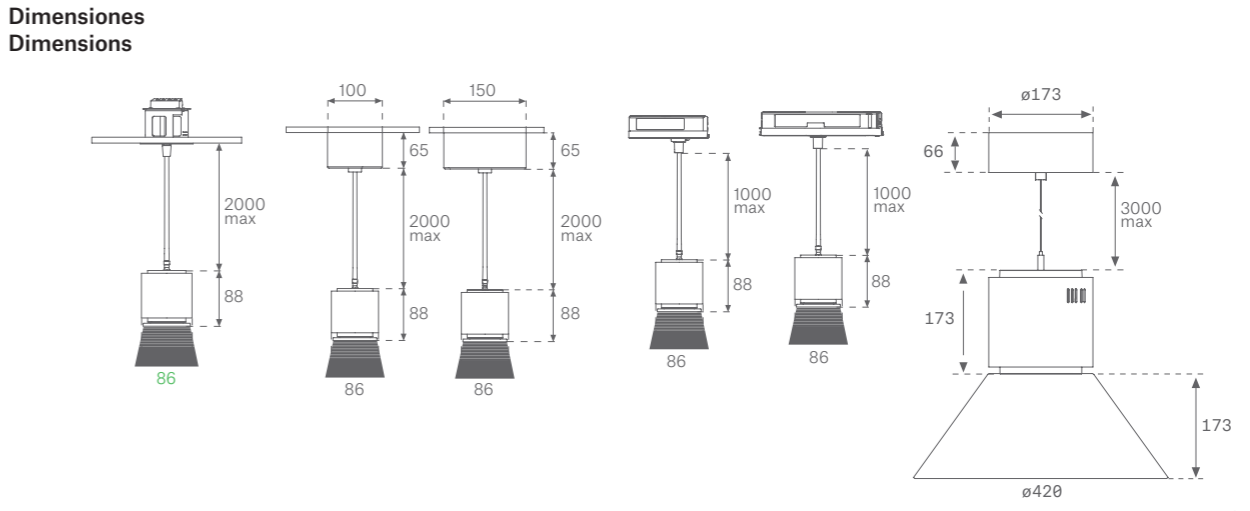
Configurable system

144 different combinations to choose the best option for each space.





Modelos Models Modèles	RECESSED 80	SURFACE 80	TRACK 80	STORMBELL 170



LM LED	1500lm			3000-5000-8000lm	
IRC	90			80	
CRI					
Ángulos apertura Opening angles Angles d'ouverture	SP 15° 	MFL 23° 	WFL 57° 	WFL 39° 	VWFL 57°
Temp. Color Temp. Couleur	2700-3000-4000K TW-WB			3000-4000K	
Equipo Gear Alimentation	ON/OFF		DALI	ON/OFF	
Potencia Power Pouvoir	14W			68W	
Acabados Finishes Finitions	Black 04 		White 04 		
Materiality Stormbell 80	2010-Y20R 	3013 	1505-Y10R 	7024 	3010-G

+ INFO



TECHNICAL CEILING LIGHTING SOLUTIONS

Proposal for technical ceilings

General lighting solutions with a high technical and functional commitment, to be integrated into suspended or continuous ceilings in various spatial typologies where users spend long periods of time, such as: educational centres, offices or healthcare spaces.

Plat

Versatile applications

Ultra-thin luminaire measuring 13.5 mm, designed to seamlessly integrate into both visible and concealed profile suspended ceilings as well as continuous ceilings through recessed, surface-mounted or suspended accessories.



Plat Tech Ultracomfort

Meets darkness limits criteria, classified as Dark Light: less than 200 cd/lm2 above a 60° viewing angle. This ensures discreet lighting that respects user comfort and minimises glare.

It also boasts outstanding energy efficiency, thanks to a design that combines a reflector and high-efficiency lens, achieving up to 123 lm/W.





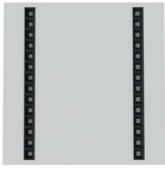
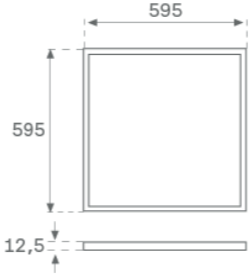
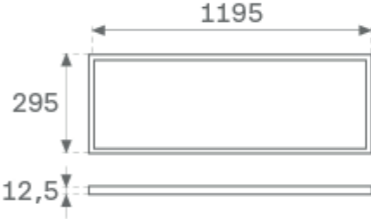
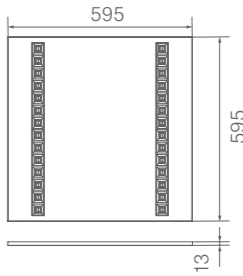




Visual comfort

A functional lighting solution that meets high standards for visual comfort and ergonomics:

- Flicker-free
- Photobiological risk 0
- 3 optical versions:
 - Opal model:** efficiency (XX lm/W) and luminaire continuity;
 - Prismatic model:** glare control and uniformity (UGR < 19);
 - Plat Tech Ultra Comfort (Dark Light) model:** exceptional visual comfort (UGR < 12) and energy efficiency (123 lm/W).

Optical Quality

Uniform brightness in a minimal thickness.

Modelos Models Modèles	OPAL	PRISMATIC	TECH
			
Dimensiones Dimensions			
Longitudes Lengths Longueurs	600x600mm		1200x300mm
Lm LED	3500lm		4100lm
IRC CRI	80		90
Ángulos apertura Opening angles Angles d'ouverture	Opal 114° 	Prismatic 95° 	Tech 70° 
Temp. Color Temp. Couleur	3000K	3500K (Active Warm)	4000K TW
Equipo Gear Alimentation	ON/OFF		DALI
IP	40		54
	65(front)		67
Acabados Finishes Finitions	White 		

+ INFO



Modular Custom



Customisation

Highly customisable and adaptable to any ceiling type, catering to specific project needs and providing tailored solutions.

Integration into ceilings:

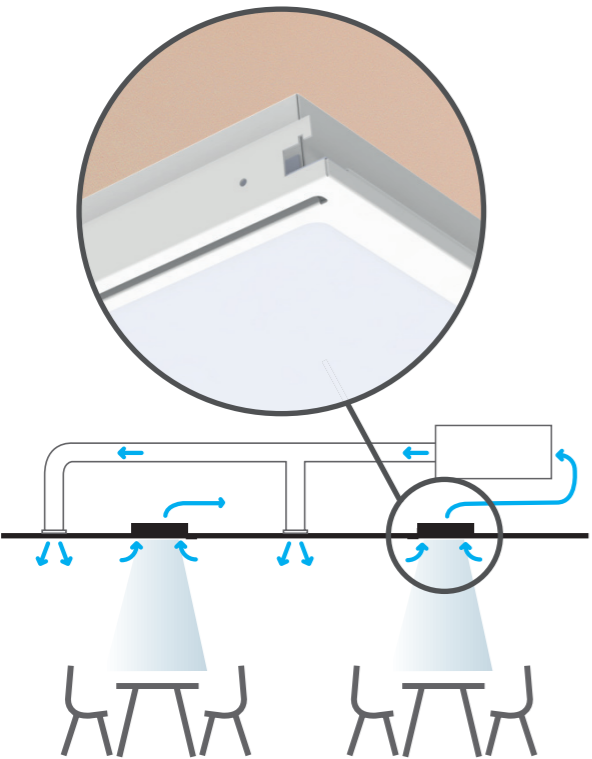
- Modular suspended ceiling (1200x120, 1200x300 and 900x300).
- Continuous ceilings.
- Customisation of dimensions, flows and integration of sensors (light, presence) and emergency kits.

Modular Custom Efficiency: energy efficiency

The Efficiency model excels with efficiency exceeding 120 lm/W, delivering optimal and quality lighting while consuming less energy. This results in maintenance savings and a smaller environmental footprint.

Modular Custom Air: air quality

The Air model of Modular Custom incorporates slots for air extraction with a return to the plenum. This system is more efficient and maintains air quality in the space, ensuring proper ventilation. The air return enables the extraction of used air from the interior space and redirection to a designated area, where it can be filtered, treated and conditioned before being supplied again.



Modelos Models Modèles	EFFICIENCY		AIR	
Dimensiones Dimensions				
Longitudes Lengths Longueurs	600x600mm	1200x120mm	900x300mm	1200x400mm
Lm LED	4200lm	3400lm		
IRC CRI	80			
Ángulos apertura Opening angles Angles d'ouverture	Opal 85°	Opal Comfort 87°		
Temp. Color Temp. Couleur	3000K	4000K		TW
Equipo Gear Alimentation	ON/OFF	DALI		1-10 V CASAMBI
IP	40			
Acabados Finishes Finitions	White			

+ INFO



Hermetica



Hermetic design for controlled environment

- IP65 rating to prevent the ingress of particles and contaminants into the luminaire with a sealing gasket, maintaining a clean and pollution-free environment.
- Manufactured with smooth and non-porous surface materials that facilitate cleaning and disinfection, crucial for maintaining hygiene in cleanrooms.
- Bottom hatch bolts protected with a plug to prevent particle accumulation.
- Equipped with quick-entry and exit connectors to facilitate and reduce assembly time.



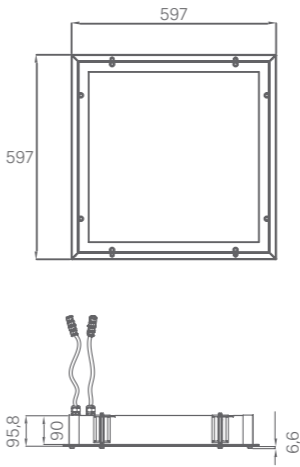



Installation

Luminaires for cleanrooms are made with materials resistant to chemicals and cleaning agents used in sterile environments, preventing damage or corrosion during cleaning processes.

Durability and upgrade

Low maintenance reduces downtime in spaces associated with continuous operation. Incorporates a bottom hatch whose cover has a safety chain, facilitating upgrades and maintenance work. Designed with eco-design criteria to allow technological updates.



Modelos Models Modèles	OPAL	PRISMATIC
		
Dimensiones Dimensions		
Longitudes Lengths Longueurs	600x600mm	
Lm LED	5600lm	
IRC CRI	80	
Ángulos apertura Opening angles Angles d'ouverture	Opal 	Prismatic 
Temp. Color Temp. Couleur	3000K	4000K
Equipo Gear Alimentation	ON/OFF	DALI
Potencia Power Pouvoir	33W	
Acabados Finishes Finitions	White 	

+ INFO



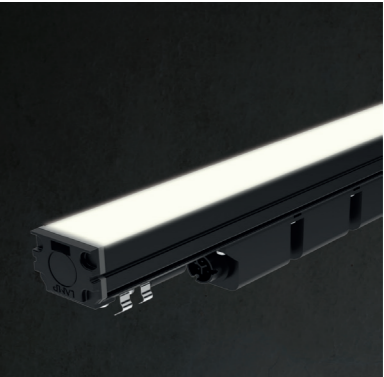
OUTDOOR



BAZZ 134



B-SIDE 138



DUIT 142



FLUT 150



LUP 154



SETI 158



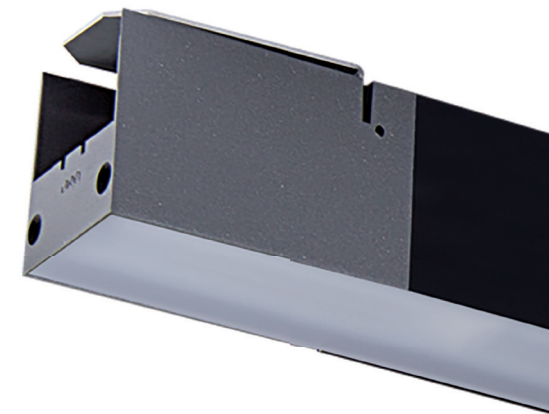
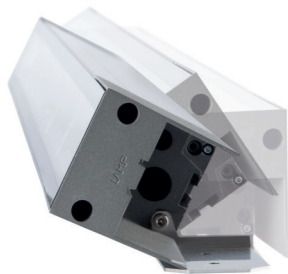
SHOT 162

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.

Bazz



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









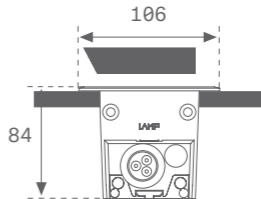
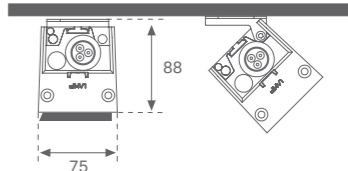





Quick and watertight connectors on the end caps of the luminaire enable easy and convenient installation.

Continuous lines

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

 Sustainability

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.

Modelos Models Modèles	RECESSED				AIR			
	SYM	ASY	WW	OPAL	SYM	ASY	WW	OPAL
								
Dimensiones Dimensions	<div>RECESSED</div> 				<div>AIR</div> 			
LM LED	1980-8100lm				4200lm			
IRC CRI	80							
Ángulos apertura Opening angles Angles d'ouverture	Sym 	ASYM 	WW 	Opal 				
Temp. Color Temp. Couleur	3000K		4000K					
Equipo Gear Alimentation	ON/OFF							
Potencia Power Pouvoir	19-75W		37-75W		31-63W			
Acabados Finishes Finitions	Negro 06 							

+ INFO



B-SIDE

Disruptive technologies in product design

A concept based on the idea that the object itself collects the light it generates, thus enhancing the character of the product as a signage element. The LED makes it possible to generate a light design adapted to the function, providing aesthetic and functional value. The B-SIDE family consists of a set of outdoor beacons suitable for both public and private environments. Outdoor beacons, in two versions, B-SIDE and B-SIDE 360°. At LAMP we update our products with periodic re-engineering based on the Wellbeing, Innovation and Life strategic axes.

B-Side

Versatile lighting effects

The B-Side family allows the possibility of having a beacon with bi-directional flush lighting at ground level, and also at different heights to bathe outdoor passage areas or routes. There is also a version with a 360° lighting effect.

It also offers exceptional uniformity (0.4), with an interdistance of up to 3m for comfortably illuminated exteriors.

Improved efficiency

The second generation of B-SIDE beacons has achieved a 45% increase in initial efficiency. The B-SIDE 360° and 180° models are a highly efficient lighting solution for outdoor walkways, with up to 65lm/W. Exceptionally uniform illumination of your outdoor spaces, while reducing energy consumption.



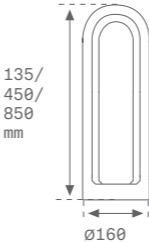
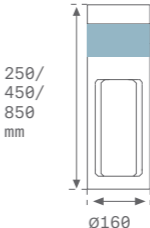







Tamper-proof and anti-corrosion

Its robust construction (IK10 and IP65) makes it safe and solid for public spaces, as its structure remains intact in case of any outside impact or attack. Excellent vandal-proof solution to light public parks, gardens and different urban areas. Its base has an anticorrosion treatment, which enables to be installed on any type of surface.

Sustainability

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.

Modelos Models Modèles	B-SIDE	B-SIDE 360°	
			
Dimensiones Dimensions			
LM LED	93-171lm	1200-1500lm	
IRC CRI	80		
Ángulos apertura Opening angles Angles d'ouverture	Spot 	180° 	360° 
Temp. Color Temp. Couleur	3000K	4000K	
Equipo Gear Alimentation	ON/OFF		
Potencia Power Pouvoir	2-4,8W	6-9W	
Acabados Finishes Finitions	Antracita 01 	Grey 03 	



+ INFO

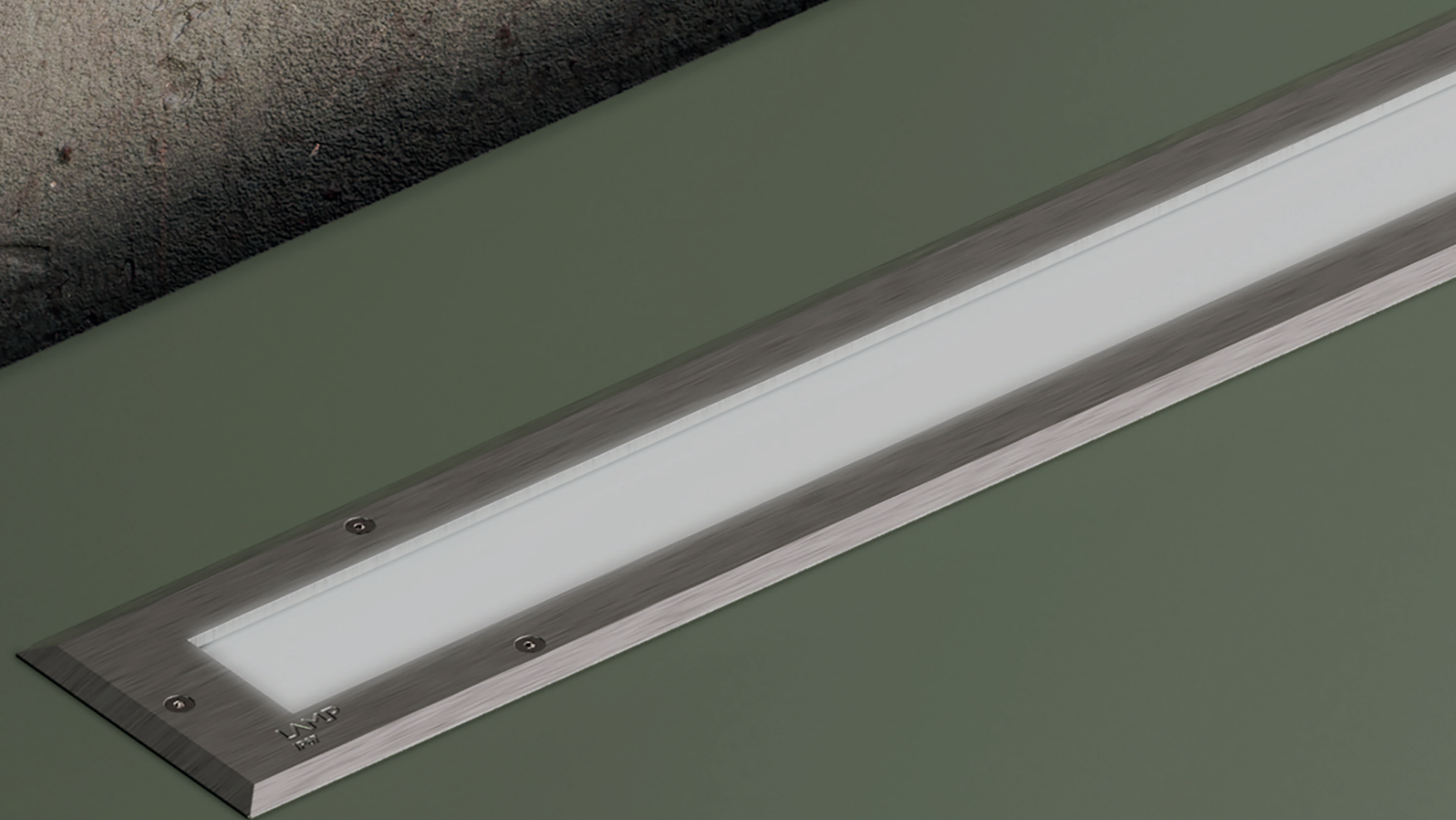


DUIT

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



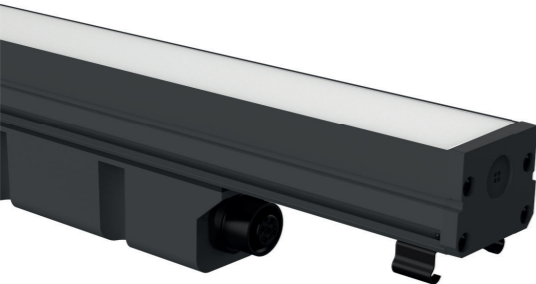
Duit

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.



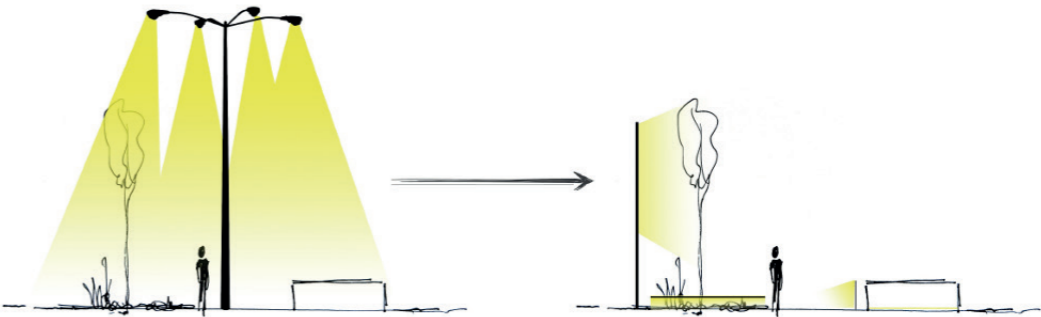
Scalable and separable

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.

Living centric light

DUIT facilitates close lighting planning, bringing the light source closer to the action or element to be lit, thus creating much more pleasant lighting atmospheres, while reducing energy consumption. It has an amber option with a light spectrum that is extremely respectful of the environment and ecosystem.

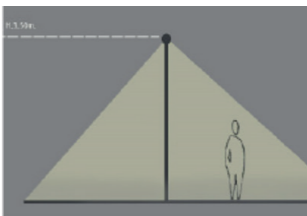
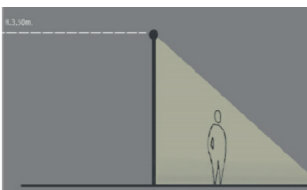
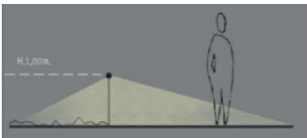
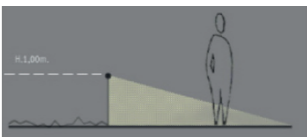
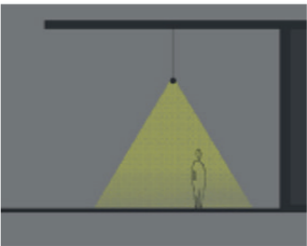
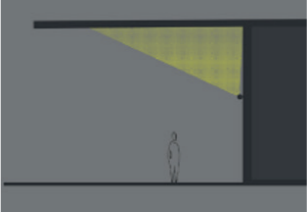
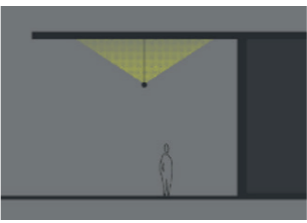
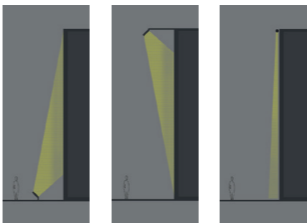
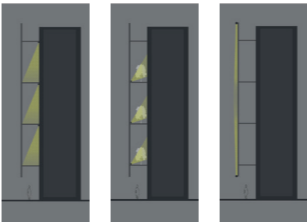
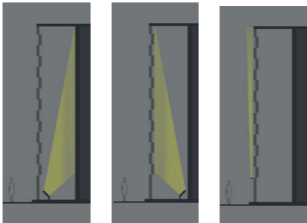
Living
Human
Centric
Light

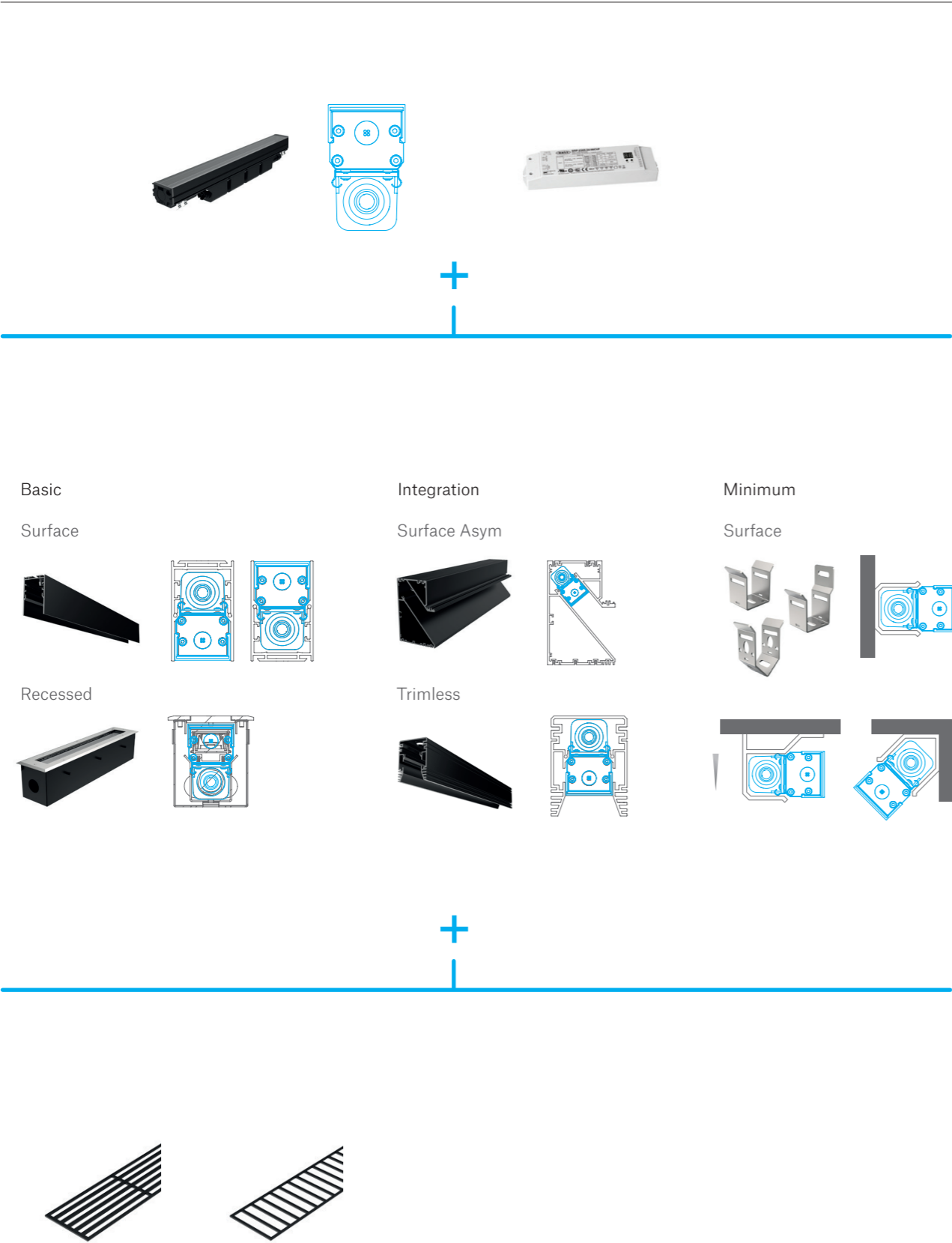








Architectural

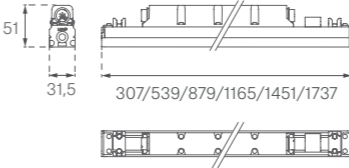
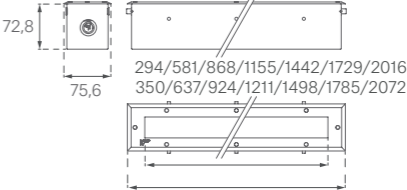
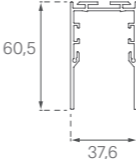
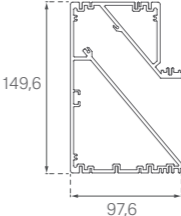
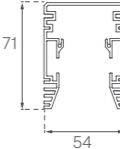
Surroundings






Paths



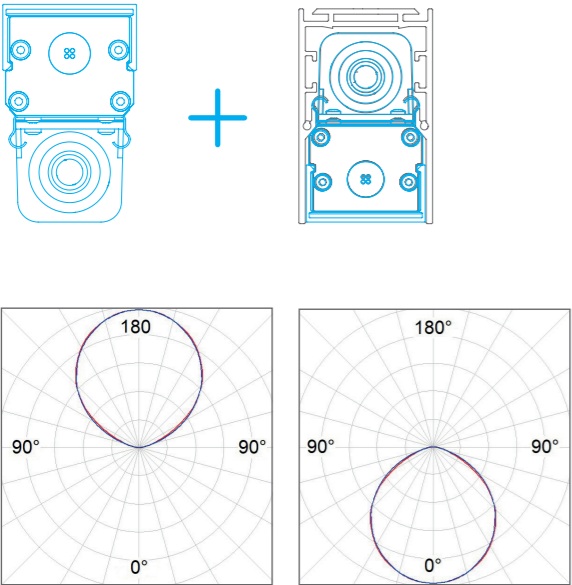


Modelos Models Modèles	LIGHT ENGINE		ACCESORIES			
	BASIC		INTEGRATION			MINIMUM
	Surface	Indirect	Recessed	Rec. Asym	Trimless	Anchors
						

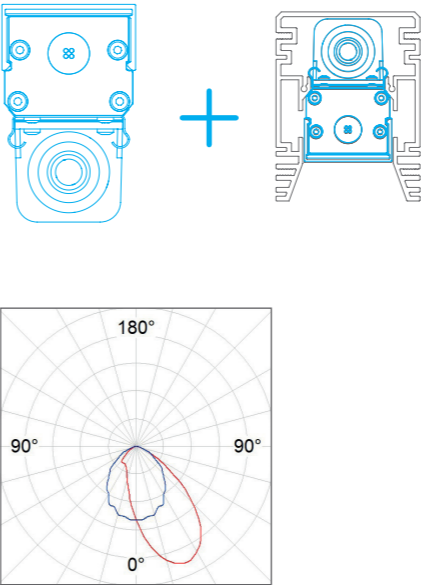
Dimensiones Dimensions	Light Engine	Recessed	
			
	Surface/Indirect	Rec. Asym	Trimless
			

LM LED	1000-2160lm				
IRC CRI	80				
Ángulos apertura Opening angles Angles d'ouverture	WF 	WW 	GZ 	OP 	
Temp. Color Temp. Couleur	2700K	3000K	4000K	TW	Amber
Equipo Gear Alimentation	ON/OFF	DALI	DALI TW		
Potencia Power Pouvoir	1,3-23,4W				
Acabados Finishes Finitions	Black 06 				

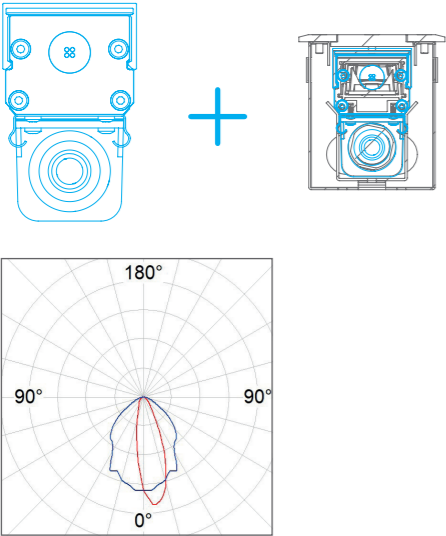
Basic Surface



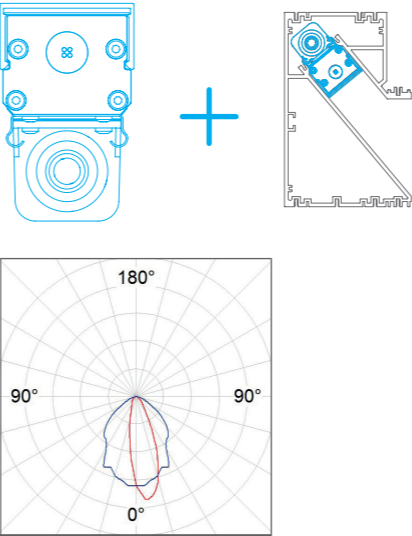
Integration Trimless



Basic Recessed



Integration Asymmetric



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.

Flut

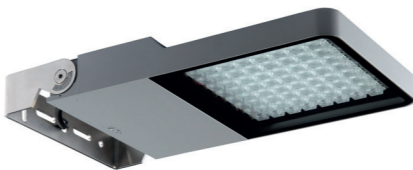
Multiple orientatio possibilities

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



Compact design

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



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 pe-
destrian areas.

Modelos Models Modèles	FLUT 180	FLUT 280	
Dimensiones Dimensions			
LM LED	3000-5000lm	9300-18700lm	
IRC CRI	80		
Ángulos apertura Opening angles Angles d'ouverture	Asym 	Sym 	Street
Temp. Color Temp. Couleur	3000K	4000K	
Equipo Gear Alimentation	ON/OFF		
Potencia Power Pouvoir	23-44W	54-117W	
Acabados Finishes Finitions	Antracita 01 	Grey 03 	



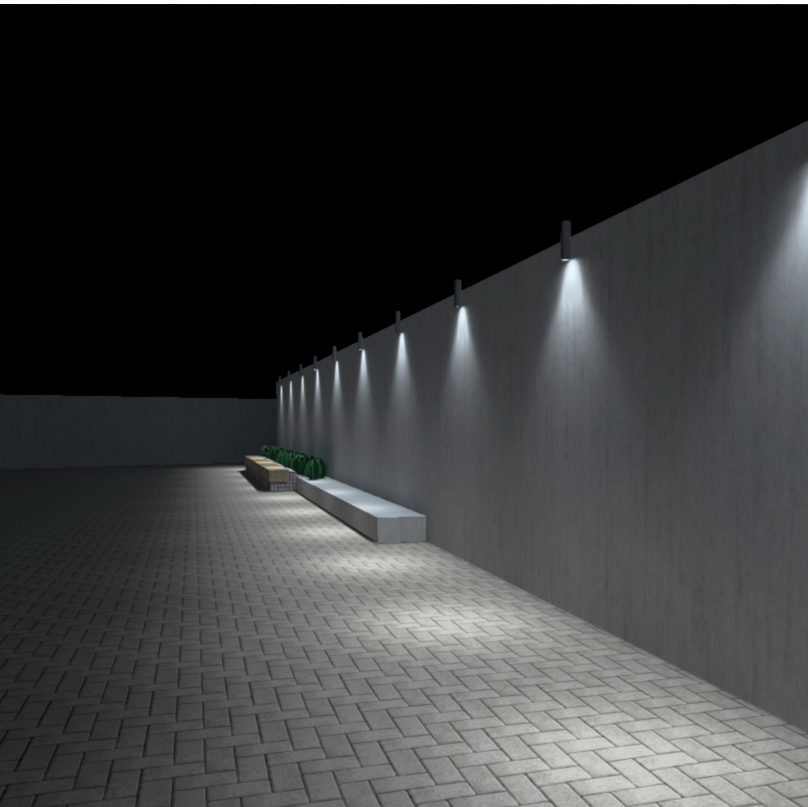
LUP

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

Lup



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.



Sustainability

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.

Product versatility and lighting effects





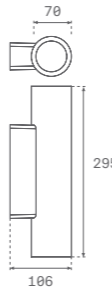

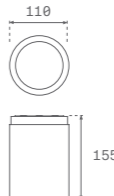
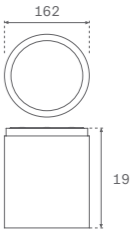






A family of downlights and wall lights that follow the same aesthetic line and formal coherence, by covering different applications.

Formats and optics

Wall light option with direct and indirect lighting, or only direct lighting and also different optics; medium; spot and asymmetric.

Option of downlight for outdoor spaces with Flood and Wide flood optics in diameters of 110mm and 162mm.



Modelos Models Modèles	70 Ø	110 Ø	110 Ø	162 Ø	
					
Dimensiones Dimensions					
LM LED	1000-3000lm	1000-4000lm	500-1000lm	3000-4000lm	
IRC CRI	80				
Ángulos apertura Opening angles Angles d'ouverture	SP 10° 	MFL 38° 	WFL 54-60-70° 	ASY 	FL 34° 
Temp. Color Temp. Couleur	3000K	4000K			
Equipo Gear Alimentation	ON/OFF				
Potencia Power Pouvoir	9-12W	23-33W	5-8W	23-30W	
Acabados Finishes Finitions	Black 03 				

+ INFO
WALL
MOUNTED



+ INFO
DOWNLIGHT



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

Seti

Versatility in lighting effects

Two lighting applications

- Single: illuminates the horizontal plane unidirectionally.
- Double: illuminates the horizontal plane bidirectionally.

Two optic options

- Spot: illuminates the horizontal surface with a high contrast between the illuminated and non-illuminated surface.
- Soft: takes presence of the product and generates a more diffused light on the horizontal surface.



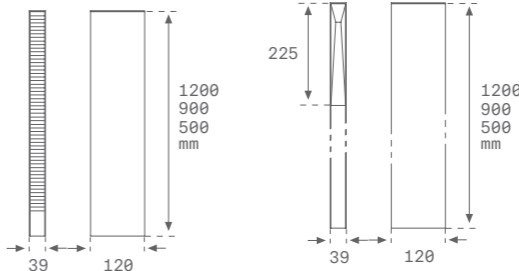








Variety of finishes

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.

Sustainability

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.

Modelos Models Modèles	<div>SOFT</div> <div></div>		<div>SPOT</div> <div></div>	
Dimensiones Dimensions	<div></div>			
LM LED	200-1000lm			
IRC CRI	80			
Ángulos apertura Opening angles Angles d'ouverture	Soft 	Soft 	Spot 	Spot 
Temp. Color Temp. Couleur	3000K			
Equipo Gear Alimentation	ON/OFF			
Potencia Power Pouvoir	3-9W			
Acabados Finishes Finitions	Black 03 	Antracita 01 		

+ INFO



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

Shot



Variety of models and installations

Five floodlight models designed to cover a wide spectrum of possibilities, from the most compact to the most powerful, offering solutions adapted to various needs. In addition, multiple accessories are included to allow arm, pole or surface mounting, offering flexibility and adaptability in a variety of application contexts.






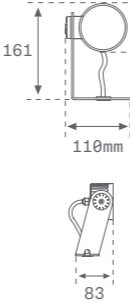
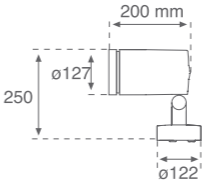
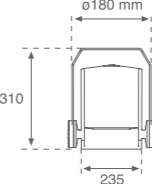
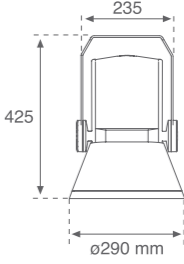
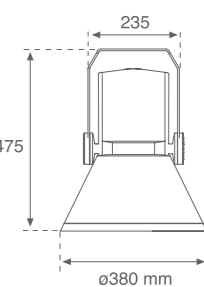





Functional design

The geometry of the floodlights responds exclusively to functional criteria, maintaining a refined aesthetic and focusing on technical efficiency. Subject to technical premises, the shape of each floodlight closely follows the function it performs, resulting in a coherent and highly efficient design.

Wide luminous range

With luminous fluxes ranging from 600 lm to 7650 lm, the family provides a wide range of options to suit different environments and requirements. The floodlights offer efficiencies of up to 100 lm/W, ensuring exceptional light output with optimised energy consumption.



Modelos Models Modèles	SHOT 80	SHOT 120	SHOT 180	SHOT 290	SHOT 380
					
Dimensiones Dimensions					
LM LED	900lm	1500-3800lm	5000-7000lm	6500lm	7000-10500lm
IRC CRI	80				
Ángulos apertura Opening angles Angles d'ouverture	SP 11-19° 	MFL 24-28° 	ST 		
Temp. Color Temp. Couleur	2700K	3000K	4000K		
Equipo Gear Alimentation	ON/OFF	TRIAC			
Potencia Power Pouvoir	6W	10-30W	37-56W	48W	45-73W
Acabados Finishes Finitions	Gray 03 	Antracita 01 			

+ INFO



SEGMENTS



PRE-SCHOOL SAGRADO CORAZÓN, BOGOTÁ (COLOMBIA)

EDUCATION 168

Light that takes care and improve the educational experience.

OFFICE 176

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

MÉDICOS SIN FRONTERAS (MSF), BARCELONA (SPAIN)



AITA AGIRRE, ELGOIBAR (SPAIN)

COMMON SPACES 184

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

HEALTHCARE & WELLNESS 192

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



REY JUAN CARLOS HOSPITAL, MADRID (SPAIN)

RETAIL 206

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

SHOES STORE CASAS, TERRASSA (SPAIN)



L5 METRO, SANTIAGO DE CHILE (CHILE)

HIGH DENSITY TRANSIT 200

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

ARCHITECTURAL OUTDOOR 212

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



OXXEO BUILDING, MADRID (SPAIN)



PRE-SCHOOL SAGRADO CORAZÓN, ENVIGADO (COLOMBIA)



Fil Corner

EDUCATION

Lighting that nurtures and enhances the educational experience

Educational spaces are evolving to embrace a new form of learning: **multi-directional, experiential, humanistic, collaborative and multidisciplinary.**

Spatial configuration and environmental conditions play a crucial role in the cognitive process; hence, we create adaptive, respectful and participative lighting solutions to enhance the educational experience.



THE AMERICAN SCHOOL OF MADRID (SPAIN)



Solutions with high colour rendering (up to CRI 98)

Enable children to live and experience the space through materials, shapes and colours, enhancing their **cognitive development** and relationship with **the environment**.

Lighting quality
IMPROVING
THE COGNITIVE
PROCESS

“Flicker-free” luminaires

Equipped with flicker control: compliance with IEEE standard 1789-2015 LED and in accordance with NEMA 77-2017 (Pst LM < 1.0 and SVM < 0.6).

Luminaires classified as exempt from photobiological risk (RG0)

According to the UNE 62471 standard, evaluating the risk of ocular or dermatological damage, are optimal solutions given children’s higher sensitivity to “blue” emissions as their visual system is still developing, like the Mun family.



LYCÉE FRANÇAIS DE BARCELONA (SPAIN)



Recommended lighting solutions

+INFO

Fil 35	46
Fil 45	50
Fil 50	64
Kombic 100	82
Kombic 150	84
Plat	126
Lamptub 60	86
Mun Light	90
Quiet	110
Ambient	38

Comfort and visual ergonomics

Lighting solutions with a greater shielding angle

Such as Plat Tech, and technical diffusers like Fil 45 Opal Comfort, ensure visual comfort and maintain low glare levels (UGR) for users with a lower observation point (and a broader field of direct exposure to the light source).

A GENTLE LEARNING PROCESS

Ensuring environmental comfort and visual ergonomic

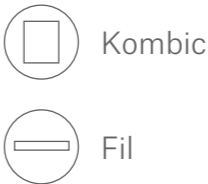
To create an environment that promotes the well-being of students and teachers, with comprehensive solutions like Quiet, avoiding distractions due to a lack of comfort.



LEKUONA CULTURAL FACTORY , BARCELONA (SPAIN)



Mun



Luminaires with suitable light distributions for every need

100% indirect emissions (for infant spaces), direct and indirect emissions to achieve a proper balance between the necessary lighting levels for task performance and vertical illuminance levels; or direct distributions for high-concentration areas.

Asymmetrical distributions for vertical surface lighting such as Fil 45 Tech ultra-comfort, Kombic 100 or Ambient.



Positive light stimulation

EXPERIENTIAL EDUCATIONAL SPACES

Dynamic lighting

Allows the creation of lighting schedules to offer an educational experience that adapts to changing requirements throughout the day, depending on the specific cognitive, emotional and physiological activities.

Reconnecting with nature

Thanks to luminaires synchronised with natural light, regulating lighting levels and colour temperature.

High circadian stimulation

Well-being technology, with high circadian stimulation, aids in circadian rhythm synchronisation and improves sleep-wake cycles, increasing energy levels, promoting an overall sense of well-being.

KINDERGARTEN LA MORERA, BARCELONA (SPAIN)



Kombic



Fil



OFFICE




Lighting that fosters collaboration and creativity, as dynamic as users' needs

In an ever-changing world, adaptation becomes crucial.

More than ever before, offices are evolving into spaces that encourage **socialisation through collaboration, idea exchange and creativity.**

We develop lighting solutions for spaces where the environment, people and talent converge.

AIR ZONE OFFICES, MÁLAGA (SPAIN)

 Fil
  Ring 90
  Kombic



Flexible lighting

ADAPTING THE WORKSPACE

Flexible element
Lighting becomes a flexible element that adjusts to workers' preferences and the tasks being performed.

Versatile systems like the "Nomadic System"
Enable the configuration of luminaires to adapt to changes in the architectural space, accommodating various layouts and uses of the rooms.



-  Quiet Fil
-  Stormbell


Light quality
Light sources featuring a high colour rendering index (CRI > 95) and R9 > 50 guarantee excellent colour perception, including accurate user perception in hybrid formats like video calls.

"Flicker-free" luminaires
Equipped with flicker control: compliance with IEEE standard 1789-2015 LED and in accordance with NEMA 77-2017 (Pst LM < 1.0 and SVM < 0.6).

Solutions designed for optimal visual health
Luminaires providing high visual comfort, thanks to Tech Ultracomfort (UGR < 12) and Opal Comfort (UGR < 16) diffusers, lenses and a high level of shielding (UGR < 14). Luminaires classified as "Exempt from Photobiological Risk - Group 0" according to the recommended standard in UNE 62471, ensuring visual comfort even during extended exposure to artificial light.

Solutions integrating lighting and acoustic comfort
Such as "Quiet".

AAA OFFICES, BARCELONA (SPAIN)

-  Quiet Kombic

Integrated lighting

ENHANCING WELL-BEING AND BOOSTING TEAM PRODUCTIVITY

Visual balance
Various luminaire types with advanced technical features compose lighting systems that blend ambient and task lighting, ensuring adequate luminance contrast and uniformity.

Direct and indirect emissions
Along with wall and ceiling washers, create comfortable lighting environments, enhancing conditions related to the maintained average **cylindrical illuminance**, characteristic of integrated lighting planning.



Technological balance

HUMANISING AND PERSONALISING SPACES



SLOW BUILDING, SANT CUGAT (SPAIN)



Fil

Technological segmentation

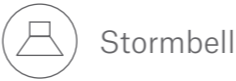
Based on project requirements, considering natural light contribution, the type of task, the user, schedules and work flows. This leads to the selection of the most suitable and efficient technology.



Recommended lighting solutions

+INFO

Fil 35	46
Fil 45	50
Fil 50 Slim	64
Kombic 100	82
Kombic 150	84
Plat / Plat Tech	126
Modular Custom	128
Stormbell 80	118
Nomadic System	94
Quiet	110
Ocult	100
Ambient	38
Lamptub 60	86



Stormbell

Dynamic lighting

provides high adaptability and customisation, allowing the selection of the most comfortable lighting level and colour temperature (2700–6500 K) in each case. Designing various **lighting schedules** to replicate the dynamism of natural light or establish specific scenes helps create a unique lighting atmosphere.

Wellbeing Technology

In both monochrome and dynamic versions, with a **high circadian stimulus**, optimises its light spectrum to emulate the continuity of sunlight. This achieves suitable melanopic lux levels for proper activation during the early hours of the day, improving circadian rhythm synchronisation.



RCI SOFASA, MEDELLÍN (COLOMBIA)



Fil Corner



Hance



Minimising environmental impact

MOVING TOWARDS CIRCULARITY

Solutions that continually evolve

Thanks to life cycle assessments (LCA) to minimise the environmental impact.

Luminaires made from recycled materials

To reduce environmental impact. Reducing emissions during the manufacturing phase (A1-A4) - Embedded carbon.

Promoting decarbonisation

Through solutions that provide **high energy efficiency** (< 120 lm/W), minimising emissions during the usage phase (B6) - Operational Carbon. Moreover, integration with light and presence sensors optimises the installation.

Environmental Product Declarations (EPD)

Our primary product families in the Office segment possess Environmental Product Declarations (EPD), an exercise in transparency to measure the impact of our solutions throughout the building's life cycle.

Luminaires designed under eco-design criteria

Allowing for repair, updates and recyclability at the end of the life cycle.

CAMBRA DE COMERÇ DE TERRASSA, TERRASSA (SPAIN)



Quiet Kombic



Quiet Fil



Hance



Plat





COMMON SPACES

Light that creates a welcoming atmosphere without overlooking technical aspects and proper lighting control




The trend of spatial hybridisation gives rise to new spatial typologies resulting from the fusion of needs that align with innovative ways of being and doing.

“Common spaces” contrast with “non-places” by asserting their own identity within other primary uses, fostering spaces that create a welcoming and customisable atmosphere. Places to connect with others and oneself, hosting various activities.

We offer solutions that prioritise lighting sensations without compromising technical characteristics.



VALLBLANC OFFICES, ANDORRA (ANDORRA)

-  Fil
-  Mun Dark
-  Imag

Spaces for connection

TECHNICAL LIGHTING INTEGRATED INTO A USER-FRIENDLY LANGUAGE

Recommended lighting solutions

+INFO

Fil 35	46
Fil 45	50
Kombic 70	80
Kombic 100	82
Ambient	38
Stormbell 80	118
Mun Dark	90
Mun Light	90
Ocult	100
Ocult System	104
Hance	68
Moody	

Miniaturisation

Of highly technical lighting solutions like Fil 35 or Kombic 70.

Solutions that emphasise lighting quality and the comfort sensation

Due to the absence of flickering in our Flicker-free luminaires and effective glare control.

Lighting focused on inclusively enhancing the user experience

Supporting neuro-design strategies, thanks to luminaires that maximise visual comfort and deliver excellent colour rendering ($CRI > 98$), aimed at **maximising user well-being** and ensuring environmental comfort through acoustics and lighting.

Energy efficiency in every space

Thanks to the high energy efficiency of our solutions (up to 120 lm/W), reducing the operational carbon footprint of buildings through a life cycle analysis.



NEIGHBOURHOOD CENTRE TRINITAT NOVA, BARCELONA (SPAIN)

-  Fil

Multiple uses

ADAPTIVE AND RESPONSIVE LIGHTING

Dynamic technology lighting

Lighting ambiance tailored to the use and needs of spaces, dynamic technology lighting for creating various scenes and designing lighting schedules that provide the necessary lighting sensation for the multitude of uses that a dynamic space can accommodate.

Spatial adaptability

Thanks to the infinite distributions that our **Nomadic System** can offer: flexible, adaptable and scalable, breaking away from the rigidity of traditional lighting installations.



Fil

GECEA 30 RUE GUERSANT, PARIS (FRANCE)



ATEMPO RESTAURANT, SANT JULIÀ DE RAMIS (SPAIN)



Co-Creation: Lupa

SAISHO ORIGINAL TEPPANYAKI
RESTAURANT, MAZATLÁN SINALOA
(MÉXICO)



Moody



New materiality

MINDFUL LIGHTING

Recycled materials

The incorporation of **new materials, whether recycled and/or natural**, such as recycled cork (rCork) and recycled PET (rPET), enables us not just to improve the environmental impact of our luminaires but also to delve into fresh aesthetic expressions now featured in our catalogue of technical solutions.

Seamless spatial integration

The **Raw finish** option ensures seamless spatial integration, offering a neutral finish with a treatment that allows the luminaire to be completed on-site, achieving its final appearance “in-situ”. This is the case of the Ambient luminaire.

Colour palettes

That capture an expression and mirror social trends shaping the evolution of spaces. Explore the new expressions of RETROPIA and FOUNDATION, now part of our palettes along with MATERIALITY, BE SOCIAL and WELLBEING.

COLON THEATRE - NACIONAL ART CENTER, BOGOTÁ (COLOMBIA)



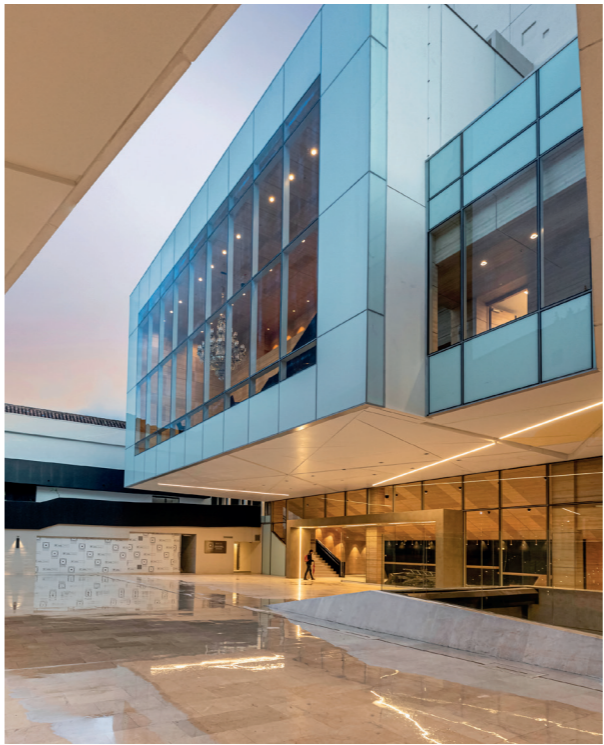
Fil



Fil



Moody



Co-Creation: Mikado

WAFRA LIVING, JABRIYA (KUWAIT)





FARO DEL MAYAB HOSPITAL, YUCATÁN (MÉXICO)

 Hermetica

HEALTHCARE & WELLNESS

Lighting designed for comfort and well-being, elevating the user experience

The architecture of the healthcare sector has evolved in recent years, embracing technological innovations and aligning with societal transformations, resulting in spaces that are not only more efficient but also more humane.

In these areas devoted to promoting health, technical and functional requirements coexist to ensure optimal conditions for healthcare personnel. Simultaneously, there's a focus on creating an environment conducive to rest and optimal comfort, recognising their significant impact on individuals' health and work.

To fulfil both needs, we offer efficient, functional and user-centric lighting solutions that positively impact perception and mood. Our commitment encompasses solutions contributing to comprehensive and preventive well-being, not just in healthcare settings but in any space dedicated to wellness.

Technical commitment

MEETING STRINGENT SPACE REQUIREMENTS

Our solutions boast a high degree of **tightness (IP65)** To prevent the ingress of particles and contaminants into the luminaire, thereby maintaining a **clean and pollution-free environment**. Non-porous finishes facilitate easy cleaning.



Fil Curve



Ocult

Compact luminaires

Featuring various optical design options, offer different lighting distributions tailored to the diverse lighting needs of each space, guaranteeing **high energy efficiency**.

Eco-design

Designed with eco-friendly criteria, they allow for **updates and simplify maintenance tasks**, minimising downtime.



Kombic



Hance



LUIS CARLOS SARMIENTO ANGULO CANCER
TREATMENT AND RESEARCH CENTER (CTIC)



B-Side

Lighting quality

CREATING OPTIMAL CONDITIONS FOR HEALTHCARE PROFESSIONALS AND PATIENTS



Mun

INSTITUT D'ONCOLOGIA AVANÇADA (IOA), ATRYSHEALTH & SANITAS, BARCELONA (SPAIN)



Ocult



Puzzle

Recommended lighting solutions

+INFO

Fil 45	50
Fil 50	64
Kombic IP	76
Plat IP	126
Hermetica	130
Clinic	
Ambient	38
Modular Custom	128

High colour rendering

Solutions with high colour rendering (up to CRI 98) facilitate tasks under light sources that accurately represent tones.

“Flicker-free” luminaires

Equipped with flicker control: compliance with IEEE standard 1789-2015 LED and in accordance with NEMA 77-2017 (Pst LM < 1.0 and SVM < 0.6).

Luminaires categorised as exempt from photobiological risk (RG0)

According to the UNE 62471 standard, assessing the risk of ocular or dermatological damage caused by specific short-wavelength light radiations (blue emissions). Over time, these emissions could potentially be associated with diseases like age-related macular degeneration (AMD), which is common in individuals over 60 years old.



Visual ergonomics

THROUGH AN
INTEGRATIVE
AND INCLUSIVE
LENS

Solutions designed for optimal visual health

Luminaires providing high visual comfort, thanks to Tech Ultracomfort (UGR <12) and Opal Comfort (UGR <16) diffusers, lenses and a high level of shielding (UGR <14).

Sensor technology for well-being and safety

Implementamos sensores para detectar presencia, asegurando que los desplazamientos estén siempre bien iluminados según las necesidades y horarios.



SPORTS CENTER TURÓ DE LA PEIRA, BARCELONA (SPAIN)



Health and well-being

DYNAMIC
CIRCADIAN
LIGHTING

Lighting schedules

Dynamic lighting provides high adaptability and customisation, allowing the selection of the most comfortable lighting level and colour temperature (2700–6500 K) in each case. Designing various lighting schedules to replicate the dynamism of natural light or establish specific scenes helps create a unique lighting atmosphere.

Wellbeing Technology

In both monochrome and dynamic versions, with a **high circadian stimulus**, optimises its light spectrum to emulate the continuity of sunlight. This achieves suitable melanopic lux levels for proper activation during the early hours of the day, improving circadian rhythm synchronisation.



CRUISE TERMINAL, BARCELONA (SPAIN)



HIGH DENSITY TRANSIT

Efficient and durable lighting to meet the highest requirements for both users and architectural spaces

This category encompasses a variety of spaces whose main feature is the need to accommodate high traffic and host complex and diverse programmes, spaces such as:

- Transport facilities such as airports, terminals, train or underground stations
- Convention centres
- Cultural facilities

Our range of specific solutions for these spaces provide a balance between durability, efficiency and technical quality.

Durable lighting and efficiency

INCREASING THE VALUE OF SPACES AND INFRASTRUCTURES

Luminaires with high technical specifications

High strength ratings and a long service life, thanks to a robust design, the use of durable materials and thermal designs that extend the useful life of our luminaires.

High luminous fluxes

That can be used for the general lighting of very high spaces, with luminaires such as Stormbell HO, Kombic 200, Domo or Fil 120.

Circular solutions

That incorporate eco-design criteria, supported by our **technology upgrade service**, extending the service life of luminaires, providing the best light quality and energy efficiency (reducing operational carbon), facilitating the recovery and reuse of the installed equipment (reducing embodied carbon).



COLON THEATRE - NACIONAL ART CENTER, BOGOTÁ (COLOMBIA)



Outstanding energy efficiency

To optimise the resources used in infrastructures.

Multiple installation options

Light quality

PROVIDING THE BEST EXPERIENCE FOR THE COMMUNITY

Wide range of lighting patterns

And light beams to suit every need.

Light quality

Light sources with a **high colour rendering index** (CRI>90) ensure excellent colour perception.

“Flicker-free” luminaires

Equipped with flicker control: compliance with IEEE standard 1789-2015 LED and in accordance with NEMA 77-2017 (Pst LM < 1.0 and SVM < 0.6).



Recommended lighting solutions

	+INFO
Fil 120	42
TRANSPORT SOLUTIONS	
STGO	
BCN	
TLSE	
KOMBIC	76
STORMBELL 170 HO	123
DOMO	





Special developments

AD-HOC SOLUTIONS FOR EVERY INFRASTRUCTURE



L5 & L6 METRO, SANTIAGO DE CHILE (CHILE)



STGO

Emergency back-up battery

Lighting with a built-in emergency back-up battery for safe evacuation.

Control systems

Integrated with control, automation and time synchronisation systems.

Co-Creation Service

Development of specific solutions to meet the technical requirements of each project through **our Co-Creation service**, for example the development of our TRANSPORT SOLUTIONS.

Lighting solutions that include special features

Such as speakers or low-voltage electrical wiring, isolated from each other by separate conduits inside the luminaire, e.g. STGO, BCN, TLSE.

Integrated sensors

Motion and brightness sensors to reduce energy consumption by adjusting lighting levels according to traffic and lighting needs, e.g. Fil 45. Other types of sensors can be included, depending on the parameters being monitored.



SHOES STORE CASAS, TERRASSA (SPAIN)



Hance

RETAIL

Light to revitalise the shopping experience and create a connection with the user

The shopping experience has been reshaped in recent years due to, among other things, two key factors:

- The rise and spread of online shopping habits, as well as hybrid models (buy online / pick up in store)
- Environmental awareness and a form of conscious consumption are increasingly prevalent and widespread

Retail spaces are being redefined to cater for new shopping models (online and hybrid), reinventing the physical experience to create a stronger connection with the community through spaces designed to host a variety of experiences, improving their social and environmental impact.

We create lighting solutions that enhance every shopping experience, highlighting the essence of the products and streamlining the flow of traffic within the spaces.

Lighting experiences

Light quality

light sources with a **high colour rendering index** (CRI>90) and R9>50 ensure excellent colour perception and deliver **energy efficiency** greater than 125 lm/W, e.g. Hance or Imag G3.

LED technology

With **optimised light spectra** to highlight specific products

ENHANCING THE PHYSICAL EXPERIENCE

Dynamic technology

To provide a high degree of adaptability and customisation, making it possible to design different lighting scenes and patterns, combining different lighting levels and colour temperatures (2700-6500 K) to **increase the vibrancy of the lighting experience.**

Numerous types of luminaires

Within lighting and interior design projects, the hybridisation of spaces makes it possible to use numerous types of luminaires to enhance these spaces, through **general lighting** systems that help to guide traffic, combined with **accent lighting** to create focal points in certain spatial landmarks, thanks to the combination of linear systems such as FIL 35 or 45, Ocult System, Kombic and our accent luminaires such as Ocult, Hance, Hance Downlight. **Providing lighting solutions that are integrated into the design concept.**

Creating unique experiences

Such as those provided in concept or flagship stores requires the development of custom solutions, tailored to each space and each experience, which we deliver through our **Co-Creation service.**



Hance



Ocult System

CARNÉ BAKERY, TERRASSA (SPAIN)

Recommended lighting solutions

	+INFO
Hance	68
Imag	
Kombic	76
Domo	
Moody	
Ocult	100
Ocult System	104
Puzzle	





Nomadic lighting

FLEXIBLE AND ADAPTABLE EXPERIENCES

Modules and systems

Flexible lighting systems such as our **“Nomadic System”** and **Plug&Play lighting modules**, which enable the **installation of temporary portable pop-up stores**. They provide a solution that makes installation and dismantling easy, while maintaining **excellent lighting quality**.

Eco-conscious lighting

REDUCING THE ENVIRONMENTAL IMPACT (TODAY AND TOMORROW)



FORMA 5 SHOWROOM DUBAI, DUBAI (UNITED ARAB EMIRATES)



Hance

Circular solutions

That support the transformation of the value proposition of retail premises, incorporating eco-design criteria that enable the **recovery and redeployment** of luminaires.

Technology upgrade service

Extending the service life of luminaires, providing the best light quality and energy efficiency (reducing operational carbon), facilitating the recovery and reuse of the installed equipment (reducing embodied carbon).

Conscious materiality

Using recycled and recyclable materials in our retail luminaires, reducing the environmental impact caused during the manufacturing phase (embodied carbon).

Optimal energy efficiency

Greater than 125 lm/W, without sacrificing light quality, e.g. with our Hance or Imag G3 models.



OXXEO BUILDING, MADRID (SPAIN)



Shot

ARCHITECTURAL

Light adapted to human scale to create places with an identity of their own

Urban development and outdoor spaces are shaped by guidelines such as those outlined in the EU's Urban Agenda, which is aligned with Sustainable Development Goal 11 (SDG 11: make cities and communities sustainable):

- Pedestrianisation and accessibility
- Reducing road traffic, introducing new transport systems - urban
- Respecting biodiversity: Reducing noise and light pollution
- Reducing heat islands: Creating blue/green infrastructure
- Promoting mixed uses, redevelopment and change of use

At Lamp we strive to meet these challenges by designing our lighting solutions around the following concepts.



AL AZIZIA MOSQUE, MECCA (ARABIA SAUDI)

Close-range lighting

RECOVERING THE HUMAN SCALE

Close-range lighting

Bringing the light source closer to the action or the object being illuminated, creating far more pleasant lighting conditions, avoiding residual light, while reducing the system’s energy consumption, e.g. Duit.

Extensive light beam patterns

That allow the light source to be lowered, maximising spacing, such as street or extra wide beam patterns (e.g. Shot), or bollards (e.g. B-Side 360°).

Solutions that combine durability and compactness

To blend into urban and architectural environments with a minimal visual impact.



Shot

Recommended lighting solutions

+INFO

Shot	162
Flut	150
Duit	142
Bazz	134
Seti	158
B-Side	138
Lup	154
Urban	
Trace	
Xtrema	
Puck	



Shot



Gap

Lighting to enhance the environment

REGENERATING THE URBAN LANDSCAPE

Lighting systems with minimally intrusive installation systems

For ease of integration in both new-build settings and refurbishment works, e.g. the Duit range’s Integration system.

Luminaires with a wide variety of light beam patterns

To enhance the architectural beauty of each environment, highlighting the architecture and its materiality through elliptical or asymmetrical light beams, e.g. with Flut, Bazz, Bauline or Seti.

Living Centric Light

HUMAN-FRIENDLY, ENVIRONMENTALLY FRIENDLY

LED technology

With an amber hue with a **light spectrum that is extremely environmentally and eco-friendly**, reducing emissions with a wavelength of less than 550 nm, preventing the dispersion of light through reflection and minimising the effects of light pollution, e.g. Duit.

Light quality

Offering warm colour temperatures (2700-3000 K) and high colour rendering indices (CRI>80) to provide people-friendly lighting environments.

Light beam patterns

That prevent residual light and emissions to the upper hemisphere.



SKATEPARK VIA FLAVENCIA, BARCELONA (SPAIN)



Resilient lighting

EXTENDING THE LIFE CYCLE OF SOLUTIONS

Durable luminaires that meet eco-design standards

Providing scalable solutions that can be upgraded mechanically and technologically. They are manufactured to facilitate the sorting of materials, which can be recovered for recycling.

Technology upgrade service

See success stories on page 220.



DON PEDRO HOTEL, MÁLAGA (SPAIN)



LIGHTING SERVICE

Circular Lighting
Co-Creation
Lamp +

CIRCULAR LIGHTING

Circular lighting recovery and technology upgrade service

Lamp has launched a **technology upgrade service** to promote the replacement and technology upgrade of installed luminaires. This enables us to increase the life cycle of luminaires by extending their use stage (B6), as measured by a life cycle assessment (LCA), thereby providing more resilient lighting solutions.

ENVIRONMENTAL FOOTPRINT EVALUATION: LIFE CYCLE ASSESSMENT

According to life cycle assessments (LCAs) of luminaires, the greatest impact on emissions occurs during the use stage (B6) - known as operational carbon - which accounts for between 65% and 90% of the carbon footprint, depending on the type of product. For this reason, upgrading facilities with more efficient technologies leads to significant energy savings, and is one of the main ways to decarbonise built spaces.

The phase with the second biggest environmental impact is the manufacturing stage (A1-A4), mainly due to the consumption of non-renewable resources and water, resulting from the extraction and use of raw materials used in the manufactu-

ring process. For this reason, our luminaire upgrade service allows us to make use of existing luminaires, thus avoiding the CO2 emissions associated with the manufacturing processes of new products, bearing in mind that "the best waste is not produced in the first place".

SCOPE OF THE SERVICE

From our HQ facilities and the premises of our subsidiaries we are able to offer:

- 01 Audit and initial analysis of the current state of the installation
- 02 Feasibility study and environmental impact assessment
- 03 Recovery of installed luminaires
- 04 Technical analysis to assess and identify the type of work to be carried out
- 05 Maintenance and cleaning work
- 06 LED technology upgrade (on-site or in-house)
- 07 Quality tests, electrical and mechanical laboratory testing
- 08 Extended warranty certification
- 09 Delivery of the material and management of the waste generated in-house

** Please check service availability with your usual Lamp team contact, or contact us at: lamp@lamp.es.

CASE
STUDYTechnology upgrade
of Mercat dels Encants

Thanks to our collaborative work with public institutions and architectural and engineering firms, Lamp has launched a **technology upgrade service** to replace the lighting in the Encants Market, delivering:

The work carried out in the Encants Market, promoted by Mercats de Barcelona, is an example of the transition towards circularity by promoting the **modernisation and creation of resilient infrastructures that extend their life cycle.**

48%

energy
saving

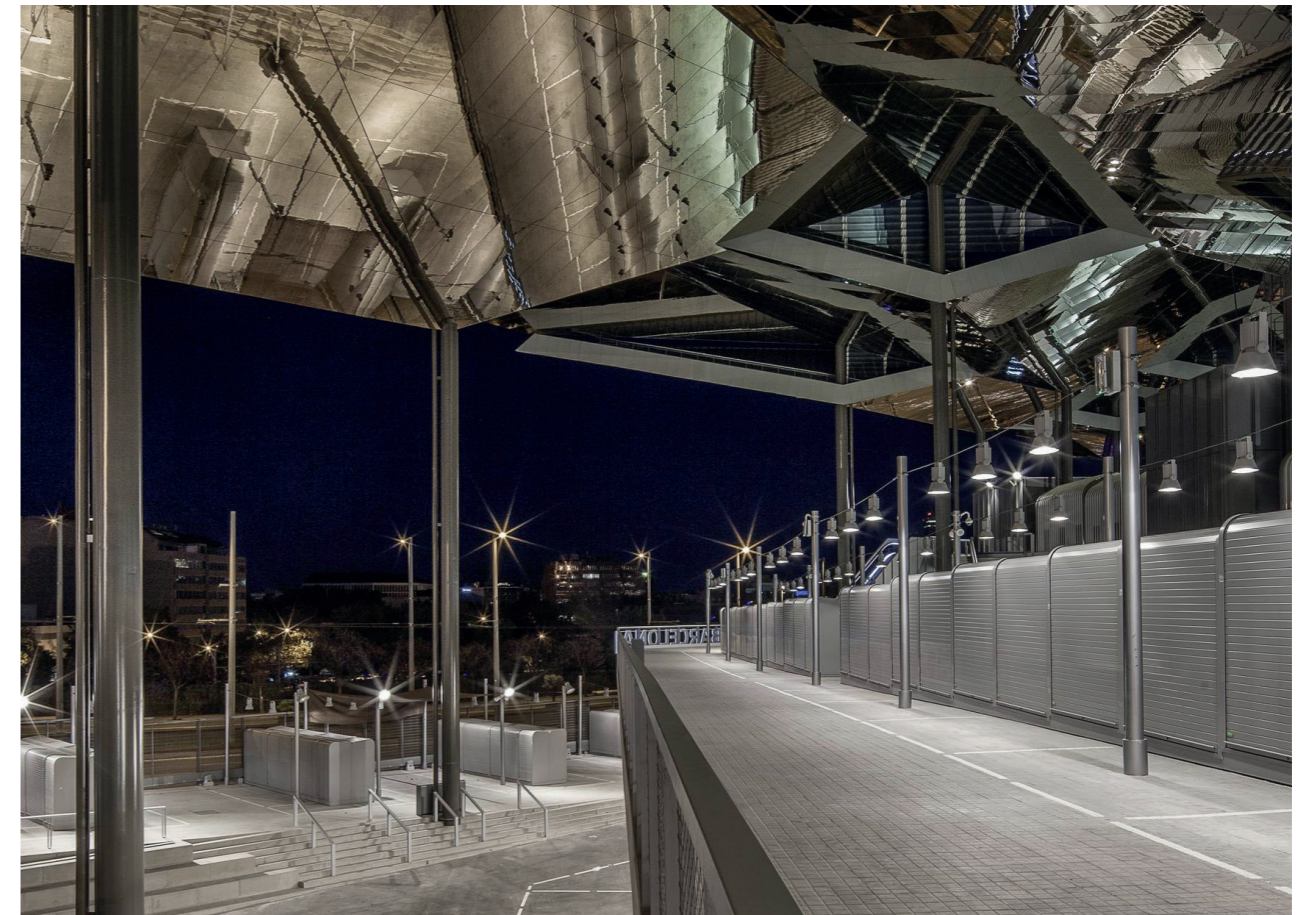
836

upgraded
luminaires

-22

tn de CO₂ eq into the atmosphere

Better light quality provided



“A market brimming with opportunities, a vibrant, diverse, distinctive and unique space.” –B720–

The Encants Market in Barcelona, which was built in 2013, is a public facility where second-hand goods are sold. This project was part of the renovation of Plaça de les Glòries and Avinguda Meridiana, an initiative to improve mobility and promote the use of public transport.

The design proposed by the architecture firm B720 envisaged the market as a large, covered, two-storey square on an elevated platform. The roof, designed as a large open canopy, is one of the site's most distinctive design elements, protecting the market activity from the weather while maintaining the open-air market experience. The roof's sloping surfaces of reflective

material catch the sunlight during the day and reflect the vibrant images of the market's activity towards the city, while at night its golden surfaces reflect the artificial lighting, creating a highly uniform effect and forming part of the area's urban nightscape.

ORIGINAL LIGHTING PROJECT

Developed by the Artec Studio lighting design studio, it included 500 Shot floodlights, with various types of light beams and power outputs, achieving a lighting system that combines general lighting with specific lighting for the market stalls.

The general lighting was provided by Shot floodlights with a street light beam, installed at a height of 4 metres on the upper floor, and at a height of 8 metres on the ground floor, together with a set of floodlights with concentrated light beams pointing towards the central area of the square, ensuring a high level of uniformity.

A second layer of lighting provides specific illumination for the market stalls using Step linear luminaires, built into the structure of the stalls themselves.

Both solutions incorporated highly efficient and durable light sources at the time of construction, such as metal halide and fluorescent lamps.

VIDEO CASE
STUDY



10 YEARS LATER

DECARBONISING LIGHTING SOLUTIONS, PROMOTING CIRCULARITY

After 10 years of using this public amenity, Mercats de Barcelona felt the need to make more efficient use of the market's facilities.

The proposed collaborative solution between Mercats de Barcelona and ICA-Grupo, the engineering and architecture firm responsible for drawing up and overseeing the project, led by Industrial Technical Engineer Jordi Codina, represents a commitment to circularity: **Taking advantage of the existing light fixtures and giving them a technology upgrade, whilst minimising the impact: making use of**

existing resources and maintaining the project's original appearance.

The industrial company Lamp, a manufacturer of technical lighting equipment, with over 50 years of industrial experience, based in Terrassa, in the Vallès Occidental region, was tasked with the **technology upgrade service** for the luminaires supplied in the original project, carrying out the following work:

Recovery of the 836 luminaires installed

Technical analysis to assess and identify the type of work to be carried out in each case

Maintenance and cleaning work in its main factory

LED technology upgrade

Quality tests and electrical and mechanical laboratory testing

Extended warranty certification

Delivery of the material and management of the waste generated in-house

As a result of this project, **significant savings have been made in energy consumption** (48%), falling from total consumption of 64,258 W to 30,891 W, and the **emission of 22 tons of CO₂ eq has been avoided** thanks to the recovery of the ligh-

ting fixtures, eliminating the need to manufacture new ones. **Light quality has also been improved**, providing a solution with better colour rendering than the technology previously installed.

CASE STUDY

INACAP technological renovation

The headquarters of the INACAP (Professional Training Institute) in Santiago, Chile, have undergone a technological renovation to implement a more sustainable lighting solution, improving energy efficiency

and increasing the service life of the light fittings, while also improving visual ergonomics.

Saving and improvement data:

+55%

energy savings

(with total annual savings quantified at 1,719,000 kWh).

+20k

upgraded luminaires

-318

tn de CO₂ eq into the atmosphere

(thus mitigating the effects of GHG emissions).

The light fittings now provide more comfortable lighting

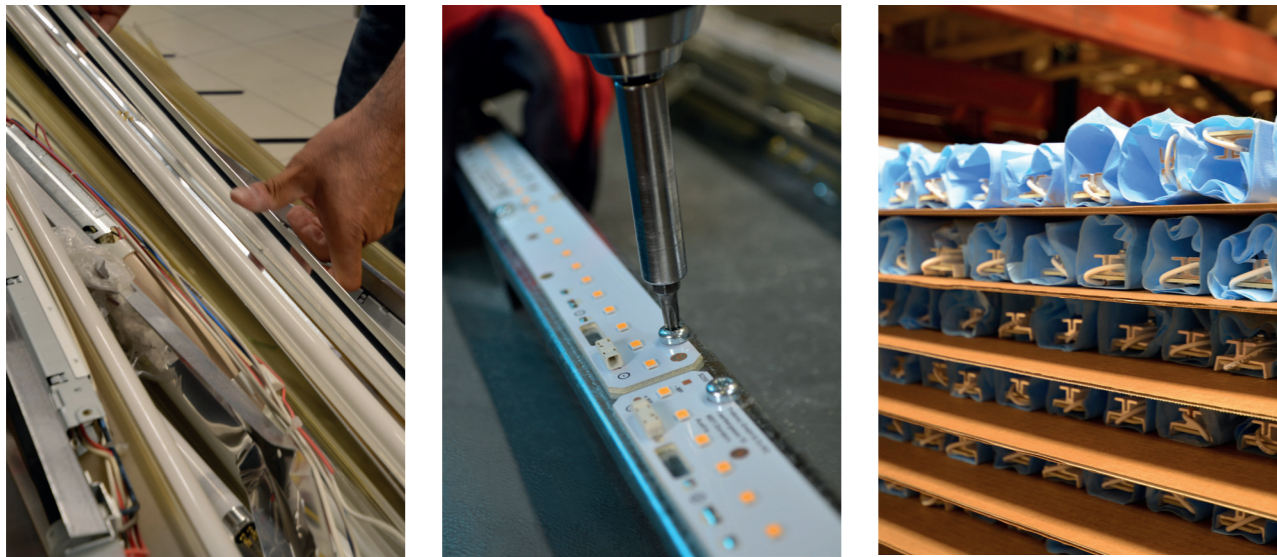
RENOVATION AND OPTIMISATION OF PROCESSES

The service provided in this project involved renovating the over 20,000 Fil light fittings installed at the centre to incorporate LED technology, which is more efficient than the original fluorescent lighting. The 54 and 28W tubes were therefore replaced by LED linear light engines, which consume 24 and 14 W respectively. They are manufactured at our facilities in Chile, offering energy savings of over 55%, with total annual savings quantified at 1,719,000 kWh.

The collaborative work of the engineering team at the HQ, along with the local team at our factory in Chile, enabled the design of pre-assembled modules, which optimise the replacement on site, avoiding the need to dismantle the light fittings. This allowed more than 25,000 metres of extruded aluminium to be reused in perfect condition, thus avoiding the emissions generated by a new profile extrusion that would have been necessary for the installation of new light fittings. This avoided the production of 318 tn of CO₂-eq emissions.

In addition to reducing the environmental impact of this renovation, the project has also improved the lighting conditions at the Professional Training Institute headquarters by providing the facilities with a lighting solution that improves visual comfort, thanks to the implementation of new prismatic diffusers that offer better control of light distribution and an optimum glare index (UGR<19), as well as better light quality, offering solutions with a high colour rendering index (CRI>80) and a flicker-free effect.





WORK CARRIED OUT:

- Initial audit and assessment of the original facilities
- Feasibility project and environmental impact assessment
- Design and industrialisation of pre-assembled light module with fast connection
- Recovery of obsolete light sources and appropriate waste management
- On-site installation and start-up of new lighting modules
- Refurbishment of optical parts and technical diffusers in the light fittings
- Lighting and electrical quality testing at the facilities
- Warranty extension certification

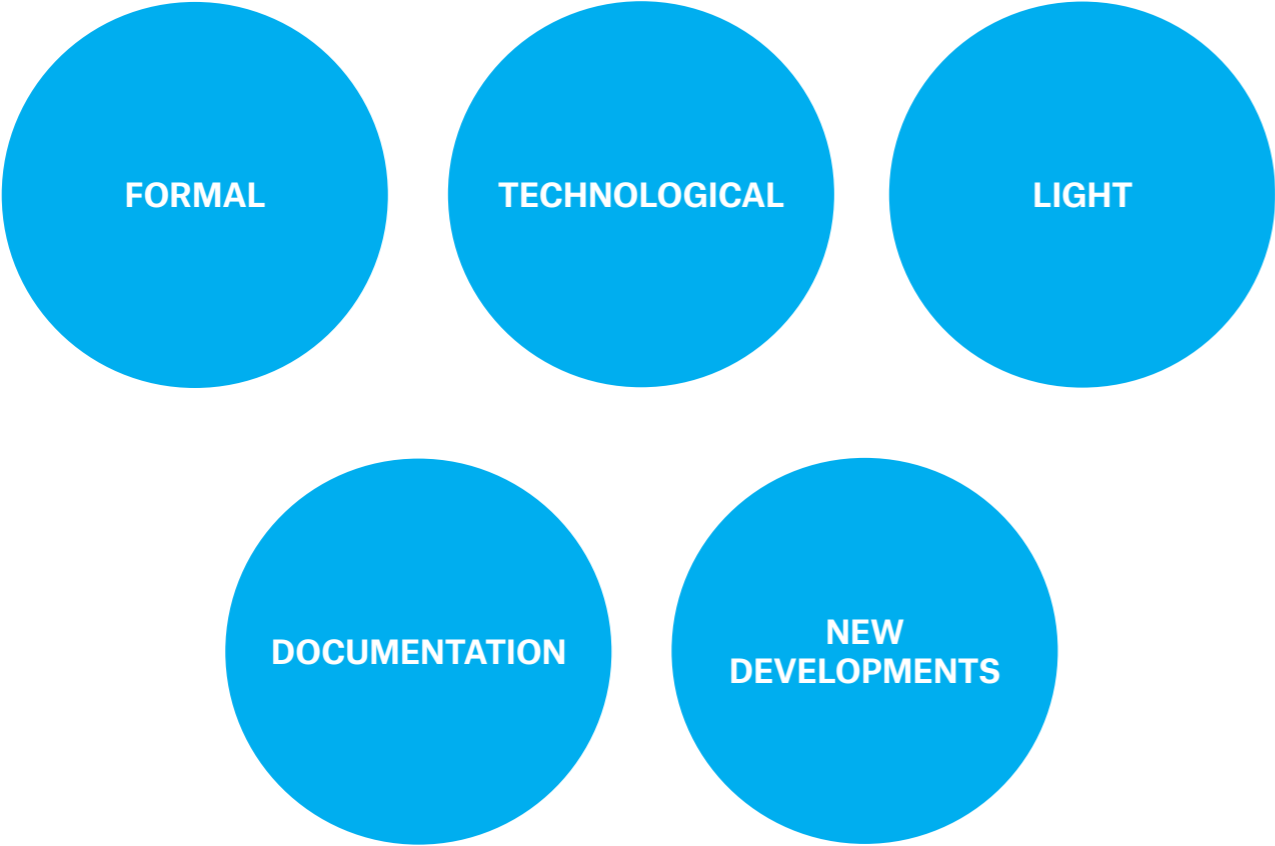
VIDEO CASE
STUDY



CO-CREATION

Tailor-made lighting solutions for every application

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.



CO-CREATION

Oxseo Office Building Madrid, Spain



The new Oxseo office building is characterised by a sustainable and avant-garde design, which has achieved excellence in each of its architectural and functional details, in the comfort it offers its users, in the lighting of its spaces, etc. In fact, it has already received the prestigious LEED Platinum Core & Shell certification, the highest possible distinction awarded by the US Green Building Council (USGBC), and it has started the WELL Building Standard certification process in the Core & Shell typology. In addition, the building has also obtained a 5-star DIGA accessibility certification (Distinctive Indicator of the Degree of Accessibility).

The objective of the lighting project for this building was focused on creating an enveloping light that would add value to its exterior structure, an iconic element that makes up its architectural façade. It is made up of a structural latticework with white rhomboidal hollows and it is separated from the three glass façades of this triangular floor plan building.

SHOT

Shot spotlights were used to illuminate this project, featuring a special elliptical optic ($9^\circ \times 53^\circ$), and with an internal lens shade to avoid residual light. The glass diffuser of the spotlights, also a special development, was in the form of a spherical shape to add protection and prevent dust accumulation. Each spotlight reaches a luminous flux close to 2750lm.

Adjustable Gap uplights illuminate the vertices of the structure from the base, 3000K and 21W of power with a luminous flux of 1128lm, with the aim of enhancing the façade as it reaches the ground and connecting the lower part of the lattice with the upper part.

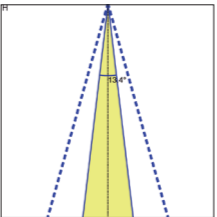
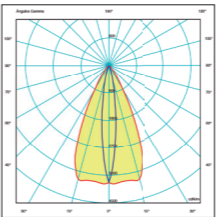
The fixing system of these spotlights also features a special design: in order not to damage the external structure, which is a key part of the project, the installation is

created using neodymium magnets placed on the spotlights lyres. In this way, once the spotlight is oriented correctly, the position is fixed by magnetisation to a plate, thus avoiding the need to pierce the metallic structure. This plate, located on the inner side, has a dual function, as it can channel and hide all the power and control wiring.

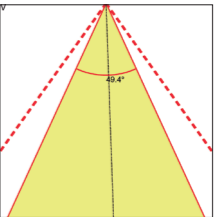
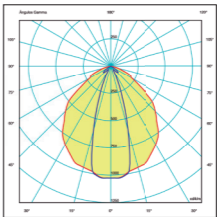
Finally, to avoid vibrations or friction between the support and the structure, neoprene separators were incorporated between the support and the curved surface of the lattice structure's node. The spotlight control is carried out using a DALI protocol.

Ópticas
Optics
Optique

Elliptical MFL



Elliptical WFL



Temp. Color
Temp. Couleur

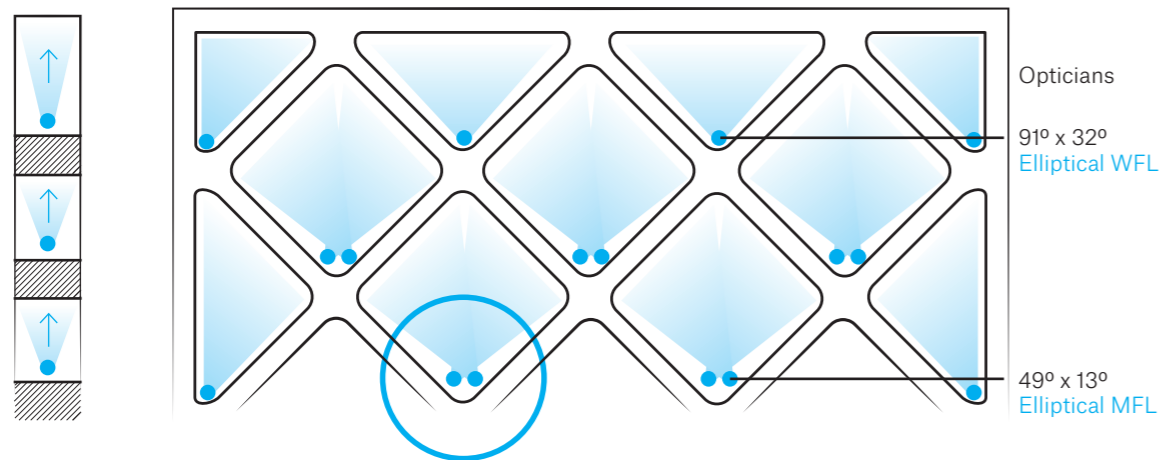
3000 K

3000 K

Flujo
Flux

2601lm Output

1123lm Output

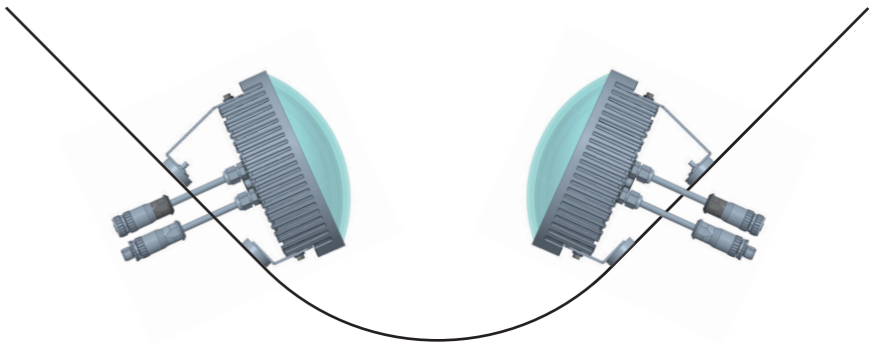
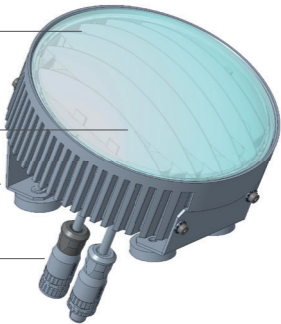


Adaptation of the optical part with paralumen to avoid glare and light and light pollution

Elliptical optics MFL and WFL

Design of the magnet fixing mechanism

External driver



CO-CREATION

Spheres Project

Riyadh, Arabia Saudita



The Spheres is an installation in the form of a largesize urban forest, located at the intersection of two arterial roads in the city of Riyadh (Saudi Arabia). On top of stel-el-slat trunks, the iron spheres that simulate the crowns of trees are lit up with the colours of the Saudi Arabian flag and have a visual effect on hundreds of people each day. The Spheres has become a benchmark artistic figure for the city.

Antón Amann (ALS) states that “if you look at this space from a poetic point of view, the arms of the bridges form a complex network, like roots spread across a forest floor, between which new strong and fresh trees emerge, rising to the sky. A touch of freshness for the hot, dry environment of the desert”.

The installation consists of 27 structures in the shape of different-sized trees, with three different diameters of crown (5, 7 and 9 m). The Spheres were created using revolution helicoids, forming a spiral repeated five times. Despite their apparent light weight, they are very heavy structures, each weighing more than 18 tonnes.

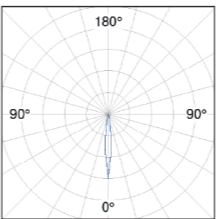
SHOT

In line with the designers’ instructions, Lamp used custom-made SHOT LED luminaires to light the base, the trunk and the crown of these trees. Based on the changes requested, we added curved glass to prevent the accumulation of desert sand, the optical body was supplied without gear, and a special tilting lyre shape was designed to enable easy positioning. 48 V low-voltage custom-made LED plates were included with three colours: neutral white and green for the crown; and warm white for the base and the trunk. Similarly, we supply two types of optics: spot and wide flood, which enables the light to be correctly dispersed throughout the different sections of the structure. The luminaires are controlled remotely using drivers with DMX RDM protocol.

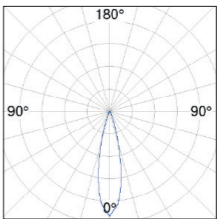


Ópticas
Optics
Optique

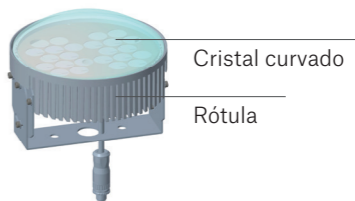
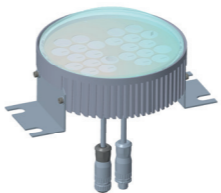
SP



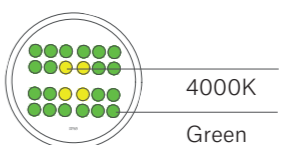
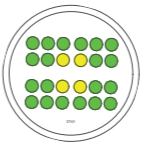
MFL

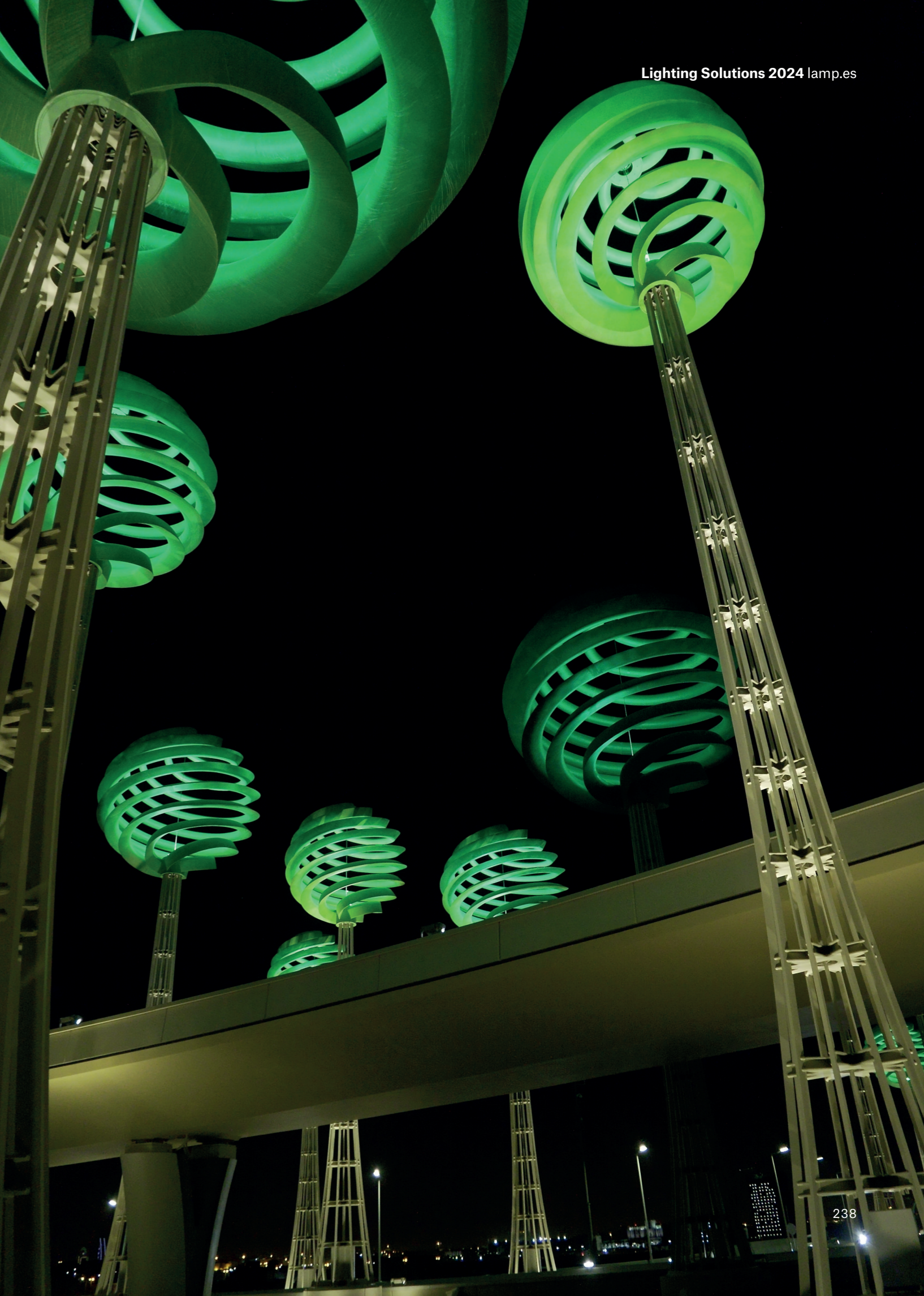
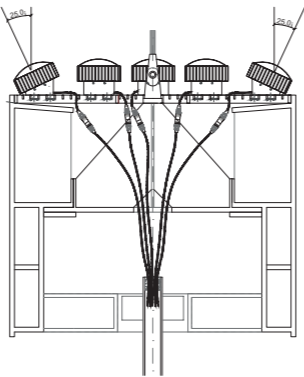
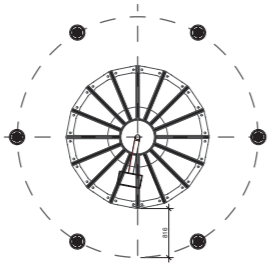
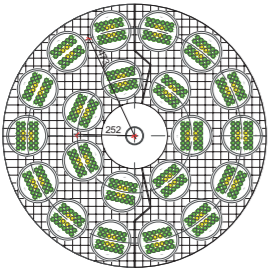
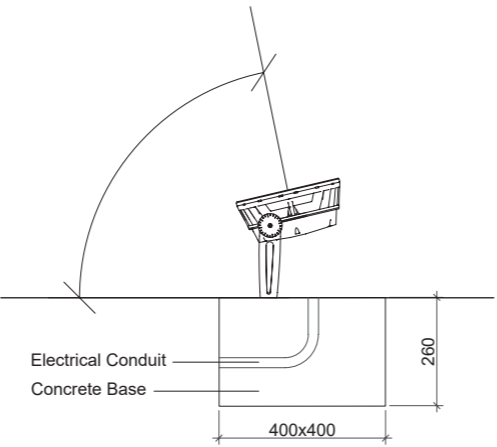
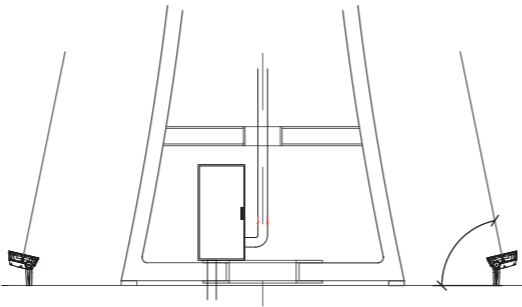
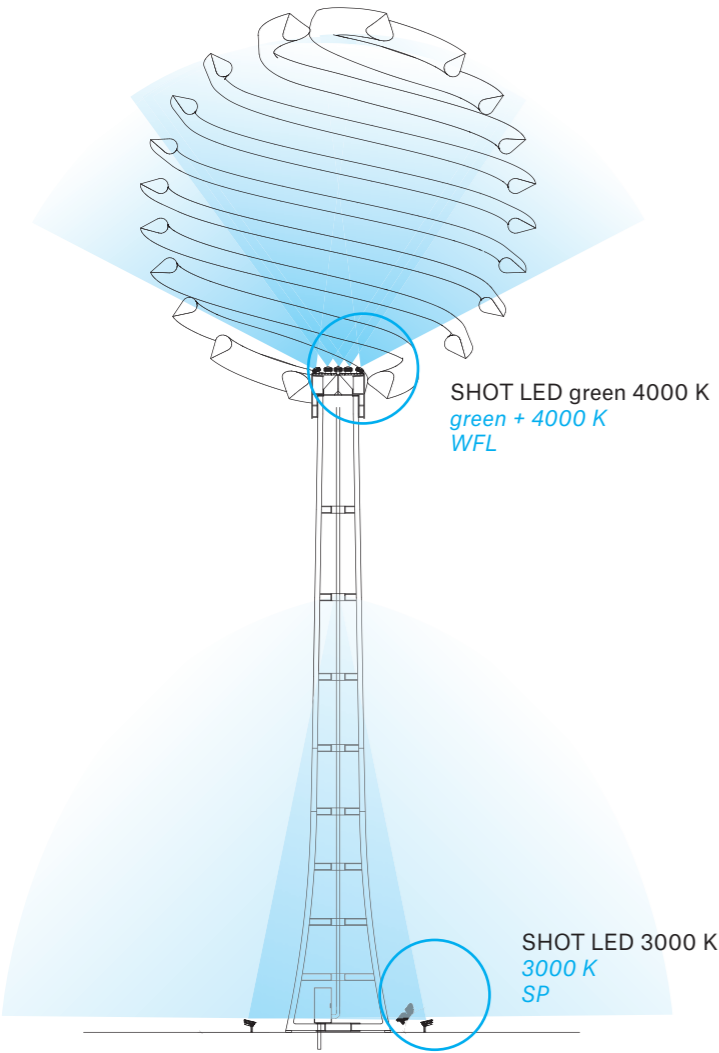


Producto
Product
Produit



Configuración LED
LED Configuration
Paramètres LED





CO-CREATION

Yoga One by DIR Rubí, Spain

One of Lamp's latest success case studies in the application of new lighting technologies has been the incorporation of dynamic lighting in a Yoga Centre.

Yoga means 'union' and that is how we have understood the design of lighting, of the space, and of the practice of yoga itself, from an integrating point of view.

The access to the centre is a first stage in the transition, with slightly higher lighting levels, neutral shades (3000 K) and open optics (58°) providing a degree of consistency in the access and reception counter, where adequate working lighting is kept.

From here, it is possible to access an intermediate space, prior to the Yoga room, where the lockers and a small waiting room are located. In this area, the goal is to create an environment that emotionally prepares the user for the practice and lets them disconnect from their routine while connecting with themselves.

For this purpose, the lighting in this environment becomes dimmer and warmer (2700 K) with a strong "scenic" component, using accent lighting with highly concentrated light beams (19°) to achieve this effect, as well as great visual comfort,

which keeps the point of light hidden from direct view thanks to its shielding angle.

In these visually connected areas, the number of different luminaires has been reduced to only three families (Moody, Hance, and Stormbell) in order to achieve different lighting effects through the optics and accessories, ensuring the formal simplicity of the proposal, as well as integration with the interior design.

For its part, the Yoga practice room, the main space, is equipped with linear structures that merge into the room ceiling, parallel to the structures where "aerial Yoga" is practised.



Up to 13 types of yoga are practised in this space, each with different energy levels and aims, for this reason it is very important to understand each of the practices, as well as the structure of each of the sessions, to design lighting scenes of each type, with secondary scenes that can be used depending on the time of training: initial warm-up, main training or completion with 'savasana' (relaxation), alternating lighting cycles (levels and shades) and transition speeds, with the guarantee that, as it is a flexible system, scalable and dynamic, both trainers and centre owners can modify these scenes in an easy and intuitive way.

This lighting project is an example of how lighting has gone a step further in terms of technology and sustainability. The new challenges being faced by lighting include understanding the needs of users, turning them into simple solutions that transform and enrich their relationship with lighting.





FIL 50

In this case, lighting has been designed as a transitional element that guides the user from the bustling and hectic outer world to an inner world that creates an atmosphere favourable to the practice of yoga.

A distinctive feature in this project is that all the lighting is connected through a standard communication protocol based on Bluetooth Low Energy, which enables both teachers and administrators to control each point of light in a simple and touch-sensitive way from any mobile device, making it possible to switch the lights on or off, raise or lower levels, select different colour temperatures (2700-6500K) or select between different types of preset scenes or create their own scenes, even remotely (outside the facilities).

Once the needs of the users of the centre were understood, the following scenes (fixed and dynamic) were designed:

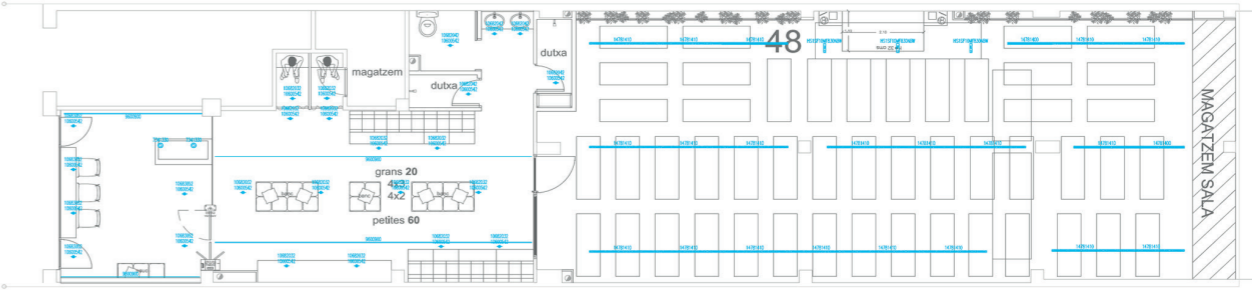
- Warm-up: Dynamic scene varying in intensity from 25% to 75% and colour temperature from 3000 to 4000K.
- Practice of energetic Yoga: Fixed scene at 75% intensity and 4500K.
- Practice of meditation and restorative Yoga: Fixed scene at 50% intensity and 3000K.
- Relaxation (Savasana): Dynamic scene in which intensity goes from 50% to 15% for 5 minutes, with a CCT variation from 3000 to 2700K. This 15% in 2700K scene is maintained for the following 10 minutes.

All the lighting in the centre can be controlled from any mobile device and, in terms of functionality and maintenance; it can even be operated remotely without being inside the installations, as previously mentioned.

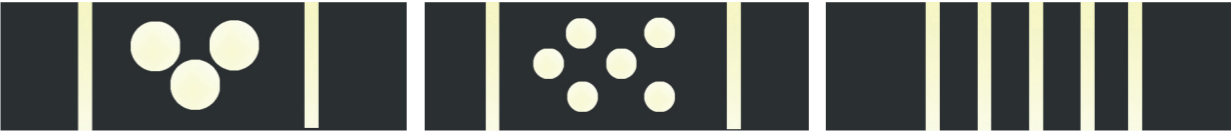




ESCENAS DE ILUMINACIÓN DINÁMICA / DYNAMIC LIGHTING SCENES / SCÈNES D'ÉCLAIRAGE DYNAMIQUE



Niveles / Continuidad / T°C Iluminación Dinámica / Dynamic Lighting / Éclairage Dynamique
Levels / Continuity / T°C
Niveaux / Continuité / T°C



Entrada
Entry
Entrée

Sala de espera y vestidores
Waiting room and dressing rooms
Salle d'attente et vestiaires

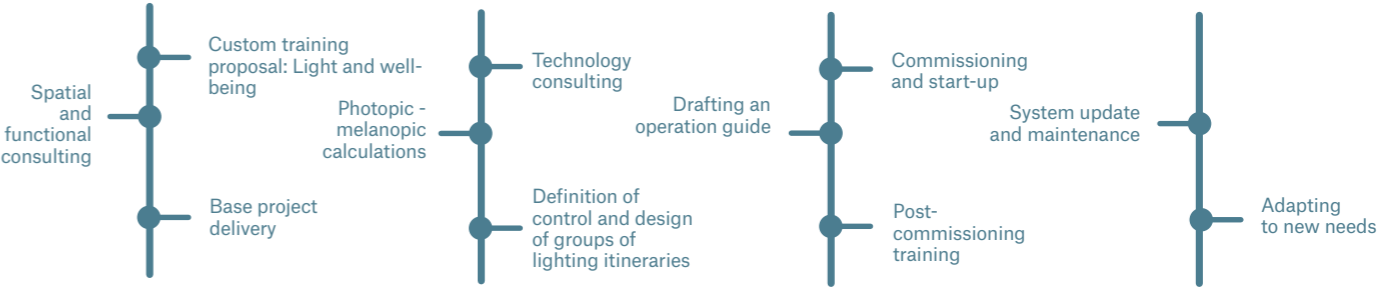
Sala de Yoga
Yoga room
Salle de Yoga

LAMP +

Lighting service



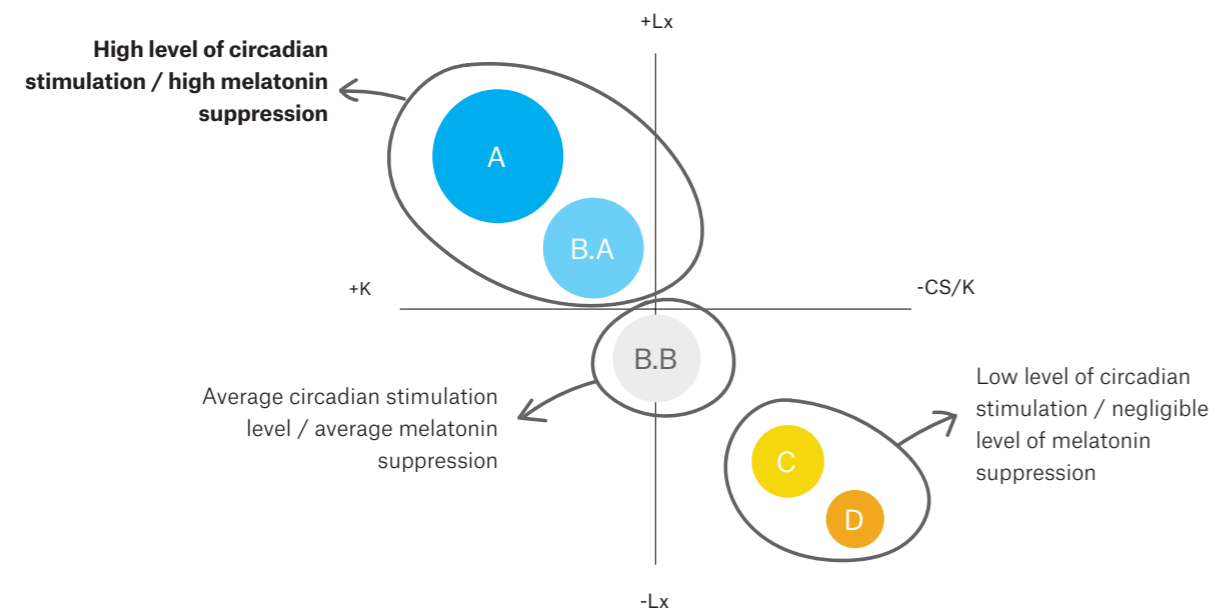
Integrative lighting service with the well-being of the end user at the centre. **We contribute to the well-being of people through lighting.**



WELLBEING STRATEGIES

- **Adapted training proposal:** Light and Well-being. Discovering the importance of lighting in people's health and well-being, while under the concept of integrative lighting.
- **Spatial and functional consulting:** based on an analysis of the space, the user, and the lighting project, so as to fully understand the needs, preferences, routines and ways of using the space by the users
- **Base project:** proposal of a customised solution including a pattern of illuminance ratios, circadian stimulation, and appropriate spectral definition.

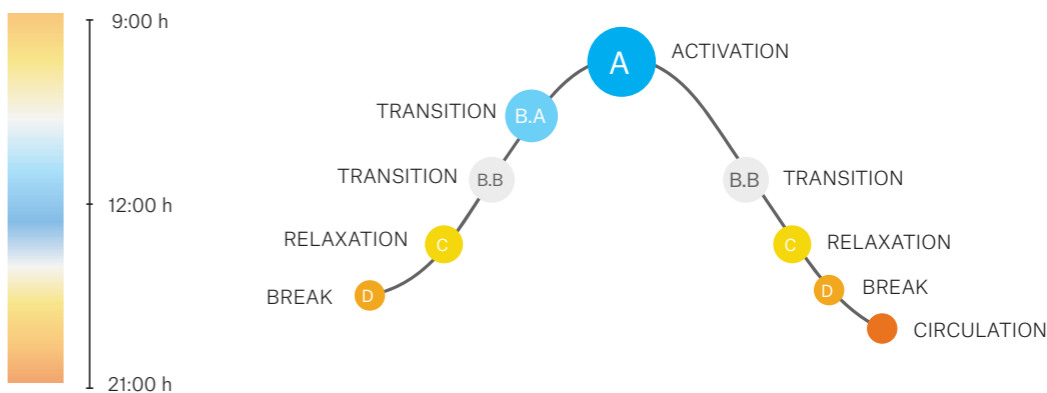
Illuminance ratio and circadian stimulation matrix



Examples of lighting itineraries

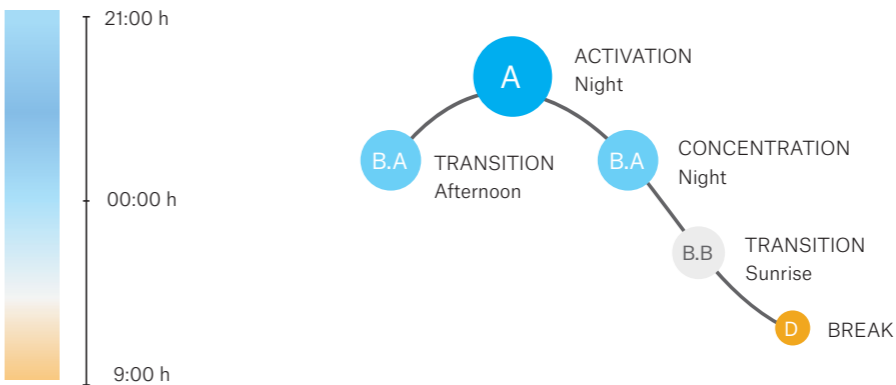
HOSPITALS (ROOMS)

In these spaces where the user (patient) is in an indoor space during their stay, lighting is the main link to external space, improving the patient's sense of well-being by improving the synchrony of their biorhythms. In addition to proposing a very soft sequence of light scenes that replicates the natural solar cycle, it is important to have night navigation lights that enable circulation through the room, if necessary, without interrupting the sleep cycle.



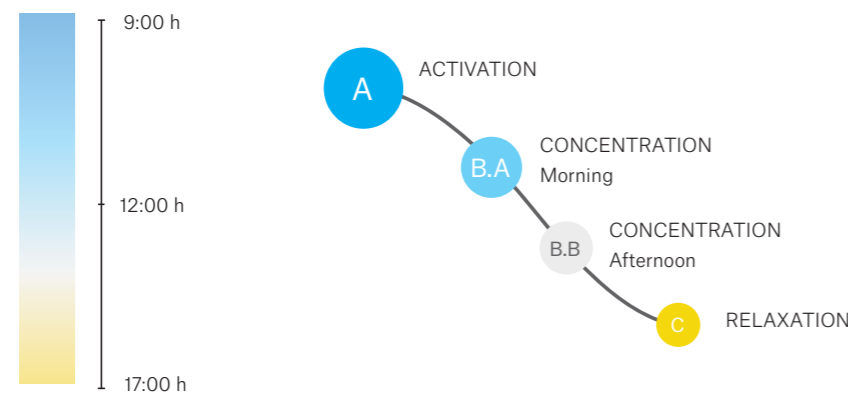
HOSPITALS (NIGHT SHIFT WORKERS)

For this type of use, a correct application of dynamic lighting is key to promote a state of alertness during working hours and during moments of rest, which in this particular case involves phases contrary to the natural light cycle.



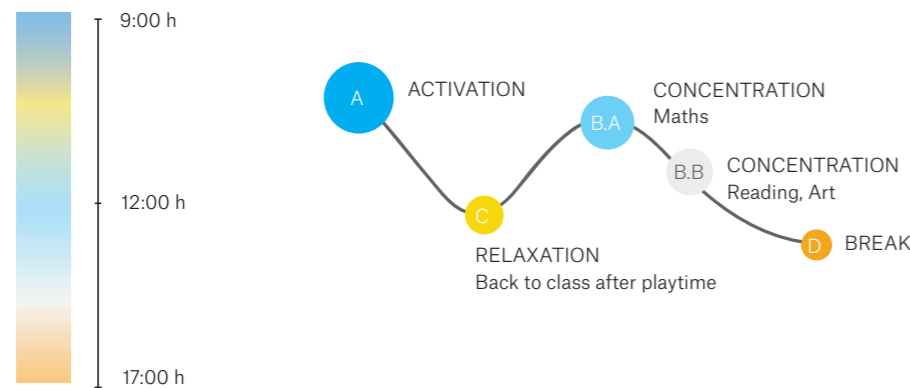
OFFICES

Dynamic lighting varies in intensity and colour temperature to achieve greater synchrony with natural lighting cycles, favouring user performance while being respectful of their natural rest cycles.



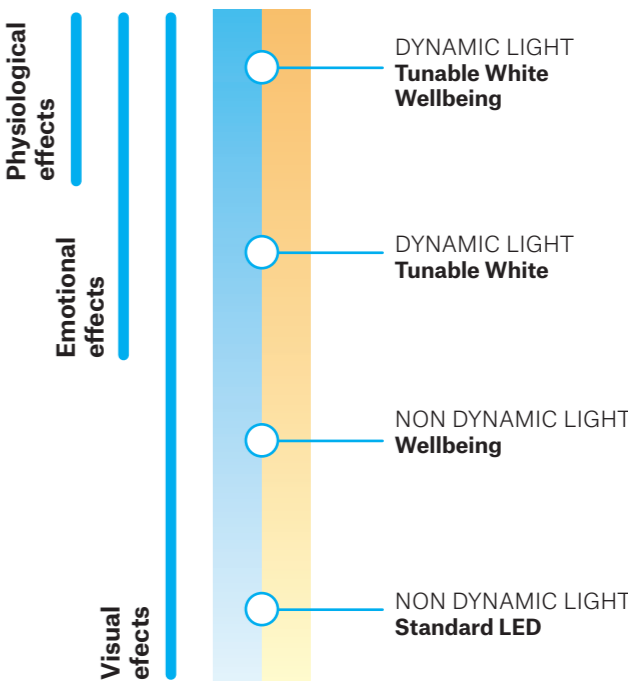
SCHOOLS

The lighting in classrooms must generate the most conducive energetic states in order to optimise teaching spaces according to the cognitive task and the level of concentration required. In addition, lighting is a factor that modulates mood, for example, using lighting that promotes relaxation after play activities involving a high level of excitement.

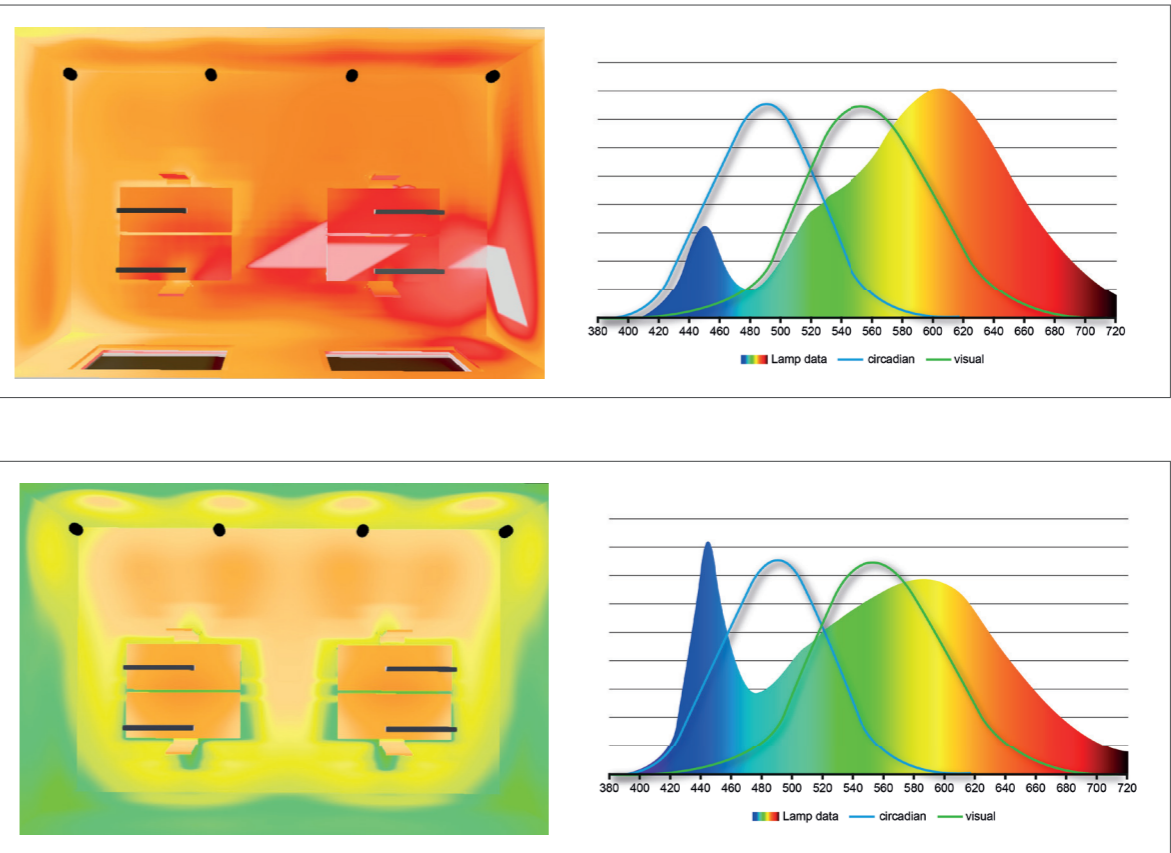


TECHNICAL ASPECTS WELLBEING

- Technology consulting: definition of the most appropriate technology to maximise the non-visual effects of the proposed lighting strategy: Multispectral, TW Wellbeing, TW, LED Well-being.
- Application of design based on an integrative lighting concept: performing melanopic and photopic calculations, and ensuring adequate lighting for correct circadian stimulation while complying with the latest regulations and standards.
- Preparation of the technical documentation validating the project both with European regulations and with the requirements of the Well standard focused on the wellbeing of the user.



Melanopic calculations



IMPLEMENTATION WELLBEING

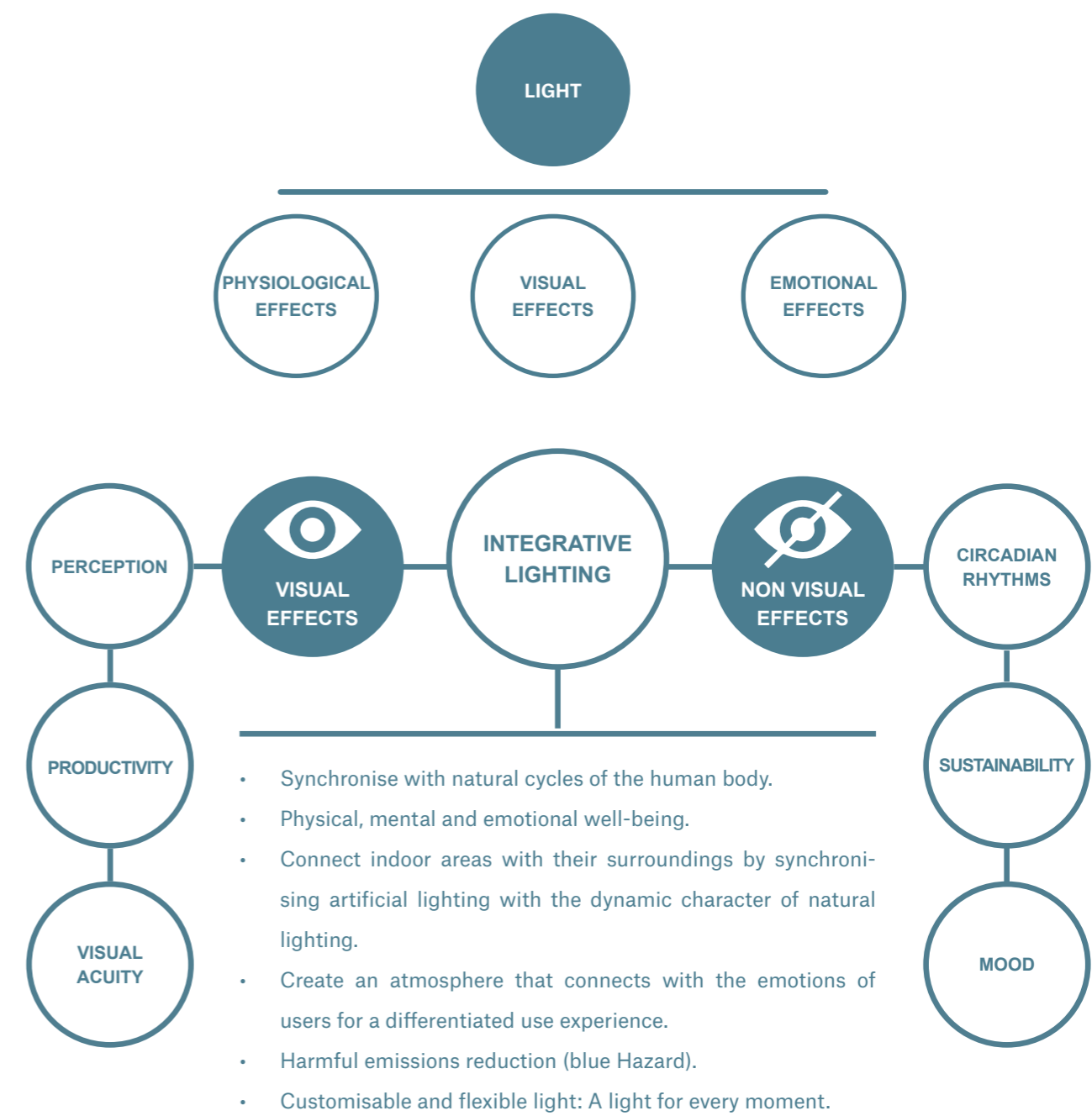
- Drafting of the operation guide to enable the customer to control the system autonomously.
- Commissioning and implementation of the technical definitions established in the definition phase of the lighting strategies.
- Post-commissioning.

FOLLOW-UP WELLBEING

- Updating and maintenance of the system: reprogramming of itineraries to respond to possible changes in the use of spaces or to the adaptation of the system to new user needs.

INTEGRATIVE LIGHTING

Design based on the biological needs of the human being, integrating the visual and non-visual effects of light:



MÉDICOS SIN FRONTERAS (MSF), BARCELONA (SPAIN)



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