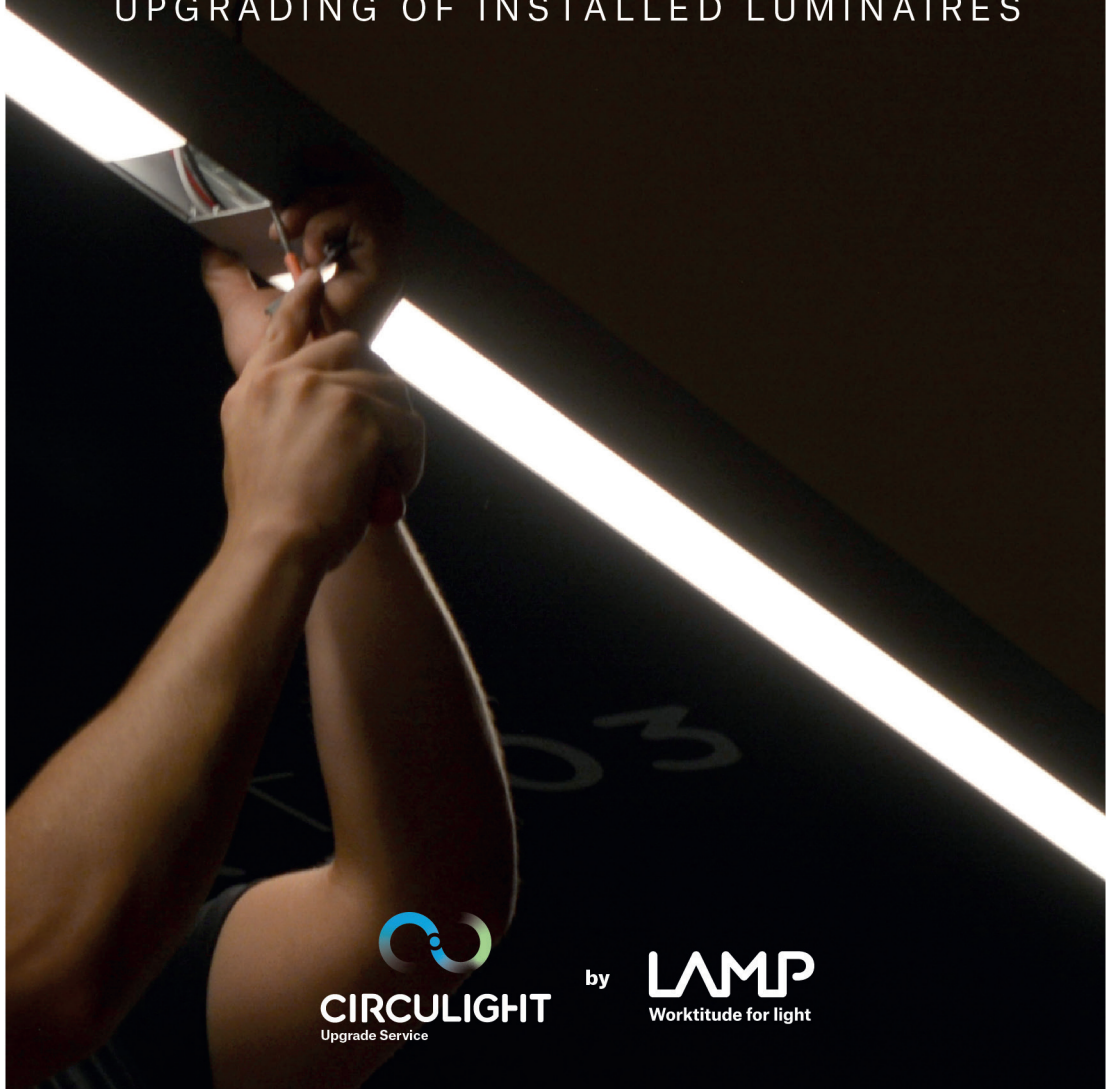


CIRCULIGHT

RENOVATION AND TECHNOLOGICAL
UPGRADING OF INSTALLED LUMINAIRES



CIRCULIGHT
Upgrade Service

by

LAMP
Worktitude for light

What?

CIRCULAR LIGHTING SERVICE



- + **Affordable**
- + **Convenient**
- + **Sustainable**

Technological updating service, to promote the renewal and technological updating of installed luminaires. In this way we achieve an **increase in the life of the luminaires**, by extending their use phase under the prism of Life Cycle Analysis, providing **more resilient lighting solutions**.

How?

BENEFITS AND HOW IT WORKS



COSTS

Generating between 15-30% **economic savings** compared to the purchase and installation of new luminaires, as well as obtaining an **improvement in energy efficiency** that represents savings of more than 50%.



CONVENIENCE

Upgrading lighting technology is **quicker, less noisy and cleaner** than uninstalling and installing new lighting. **Reducing installation time** by 20-30%. In addition to **improving lighting quality** by incorporating the latest technological advances.



SUSTAINABILITY

Minimises the building's **environmental footprint by avoiding the generation of waste** in the renovation process and extending the useful life of the luminaires. **Reduces CO₂ emissions** both by reducing energy consumption and by reusing and updating the installed product.

EVALUATION, DIAGNOSIS AND PROPOSAL OF OPTIMAL SOLUTION

01

Audit and initial diagnosis of the current state of the installation.

02

Viability project and environmental impact consultancy.

03

Recovery of installed luminaires.

04

Technical diagnosis to evaluate and define the intervention to be carried out.

05

Maintenance and cleaning work.

06

Development and manufacture of Plug&Play modules (In-situ/ In-House).

07

Quality tests, electrical and mechanical laboratory tests.

08

Warranty extension certification.

09

Delivery of material and management of waste generated "in house".

10

Turnkey service (installation and commissioning).

UPGRADING AND MAINTENANCE

INSTALLATION, COMMISSIONING AND CERTIFICATION

Case study

MERCAT DELS ENCANTS, BARCELONA (SPAIN)



CASE STUDY VIDEO

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**

- 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

Case study

INACAP HEADQUARTERS, SANTIAGO DE CHILE (CHILE)



CASE STUDY VIDEO

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.

55%
energy
savings

+20k
upgraded
luminaires

-318
tn de CO₂ eq into
the atmosphere

**More
comfortable
lighting**



- 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

**WE ARE
WORKTITUDE
FOR
CIRCULARITY**



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