

ZEMPER



SPACE

SPAC



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Fusion with the environment.

SPACE offers a **compact format** that discreetly integrates into the space, merging with its surroundings and respecting the architectural design.

This is a visually **innovative concept** in emergency lighting, designed to complement and elevate the aesthetics of architectural projects while providing the most advanced technological features.

Responsible design.

With the aim of designing a **highly efficient, durable and reliable luminaire** that can be easily maintained and repaired, Space was born. In practice, this means:



· Using less material in the design



· Optimising material utilisation



· Choosing more sustainable materials



· Making products as efficient as possible



· Making products last even longer



· Making products easier to repair



· Making products easier to strip down and remanufacture / recycle at the end of life





Premium sustainable downlight.



A **true sustainable solution** for lighting projects that demand innovation, responsibility, and technical excellence.

- ✓ **High-performance recycled materials:** Manufactured with **technical-grade recycled polycarbonate**, ensuring durability, thermal stability, and a reduced environmental footprint.
- ✓ **Halogen-free wiring (LSZH):** Enhances safety by minimizing toxic emissions while complying with the highest industry standards.
- ✓ **NTC battery control:** Optimizes energy efficiency and extends battery lifespan through intelligent temperature monitoring, enabling predictive maintenance.
- ✓ **Eco-conscious packaging:** Designed with **minimal dimensions** to reduce material consumption, lowering paper waste and limiting deforestation.

Our Sustainability Certificates and Social Awareness for a Better World

Sustainability was a key consideration in the development of SPACE, with a 60% reduction in total embodied carbon compared to other models. This has been achieved by selecting recycled materials, minimising material usage, reducing energy consumption, and extending the product lifespan.

The world's most trusted provider of business sustainability ratings.



ISO 14001

Assures that Zemper measures and reduces its environmental impacts and complies with environmental legislation.



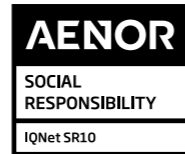
ISO 45001

Specifies requirements for an occupational health and safety (OH&S) management system.



IQNet SR10

Gathers the best international practices and recommendations regarding social responsibility.



All Zemper products have been designed and manufactured in Spain.

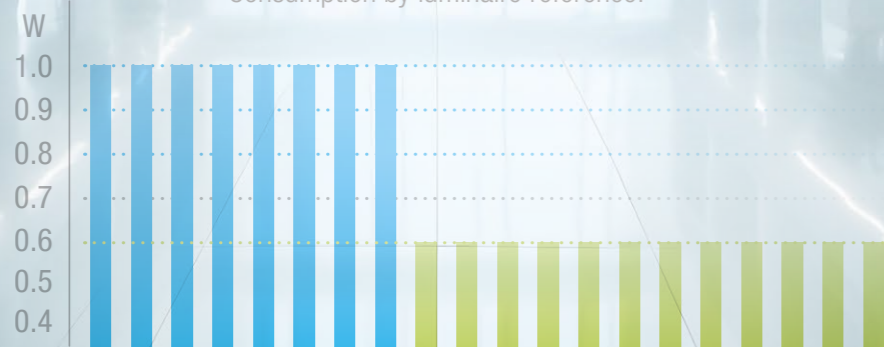


Zemper Sustainability





SPAZIO vs SPACE
Consumption by luminaire reference:



Balance.

The efficiency of a luminaire is often associated solely with its energy consumption. However, for Zemper, efficiency does not only depend on energy expenditure, but also on the ability of the system to perform its function with the least possible amount of resources.

To correctly assess its performance, it is essential to consider the following aspects:



The total number of luminaires.



Their arrangement in the space.



The lighting efficiency of the ensemble.

The key is to find the ideal balance between energy consumption and effective lighting coverage.

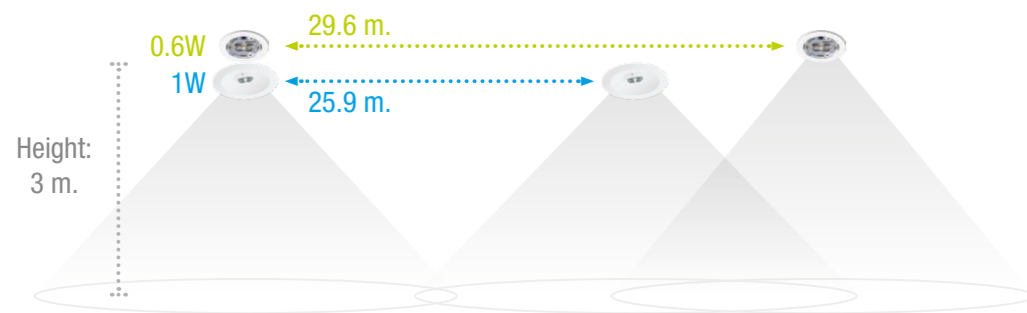
And Space has the perfect balance.

Precise Lighting Design to Eliminate Waste

Optimizing the illuminated surface requires a uniform light distribution.

The key factor in achieving this is an efficient lens design, directing light precisely where it is needed, eliminating waste and ensuring optimal performance with **the minimum number of luminaires**.

SPAZIO vs SPACE Spacing Data



Next-generation lenses can improve efficiency by more than 25% compared to systems without optical control.





SPACE offers five distinct lenses, designed to provide:

- ✓ Optimized Light Distribution
- ✓ Reduction in the Number of Luminaires
- ✓ Maximized Light Utilization
- ✓ Adaptability to Various Environments

The use of advanced optics not only enhances lighting efficiency but also ensures compliance with regulations using fewer devices, reducing costs and increasing safety.



Area

Area optics are optimised for open spaces, providing sufficient illumination to ensure safe navigation to the closest escape route.



Corridor

Corridor optics achieve 1 lux escape route illumination with up to 23 m spacings, ensuring a building's occupants can escape safely and efficiently.



Corridor+

Corridor+ optics provide the same escape route illumination as standard Corridor optics, but with the addition of point-of-emphasis lighting to ensure minimum illuminance compliance.



Spot

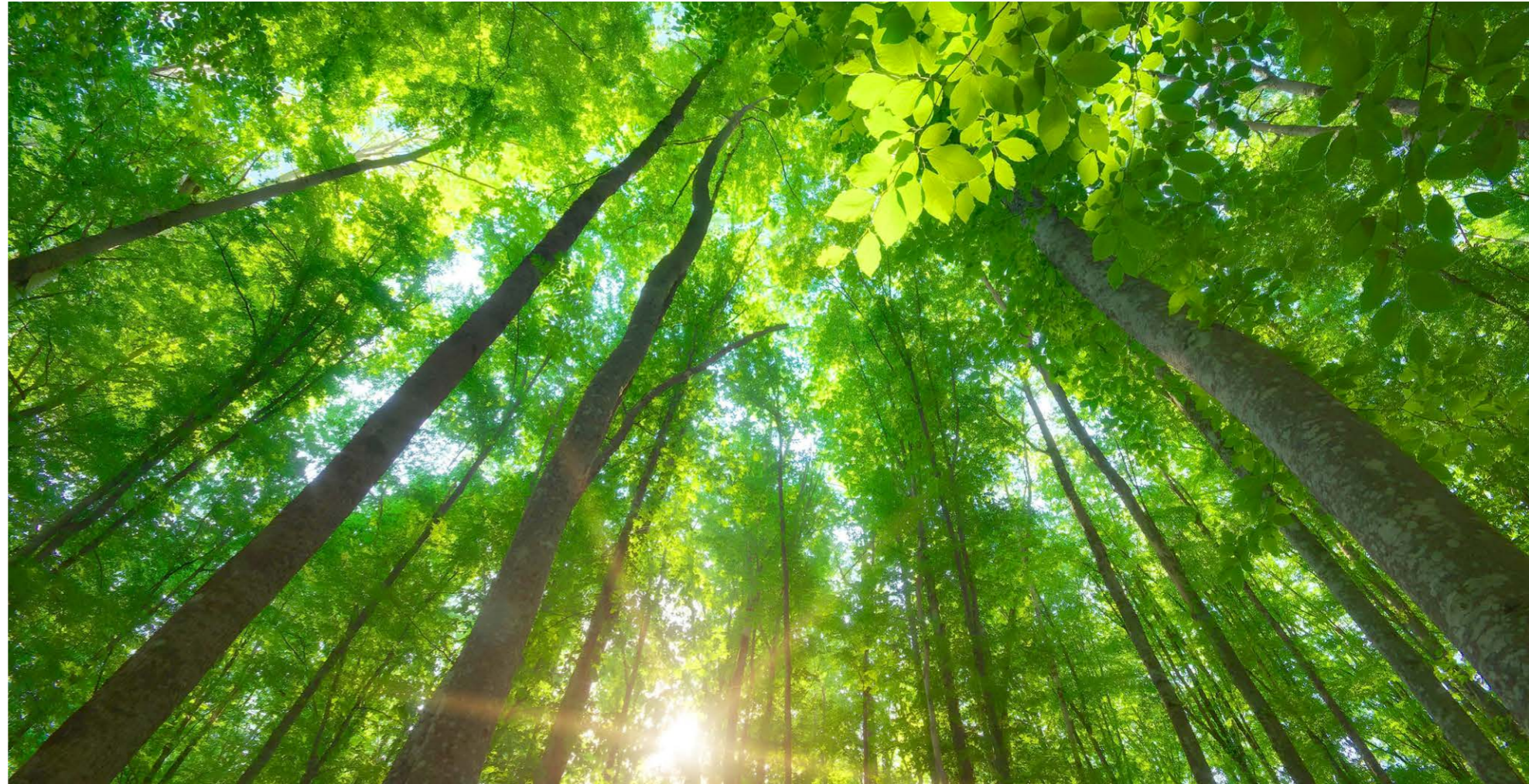
Spot optics focus illumination on points of emphasis or high-risk tasks, ensuring safe equipment termination and the visibility of safety or fire equipment.



Corner

Corner optics are designed for emergency escape route direction changes, illuminating safe passage for escape.

10-year warranty



Zemper integrates Lithium Iron Phosphate batteries into a wide range of its emergency lighting products, offering solutions that combine reliability, technological excellence, and environmental responsibility.

By using LF batteries:

We reduce electronic waste thanks to their longer life cycle,



We support sustainability through products that require less maintenance and replacement,



We strengthen our ESG impact, turning our strategic commitment into action for a greener future.



Compact design meets modern reliability. Space is designed for a long life, powered by Lithium Iron Phosphate (LiFePo₄) battery technology, with warranties of up to 10 years to ensure safe, reliable emergency lighting when needed.



IP44
(below ceiling)

50 mm



IP65
with accessory ACE0065
(below ceiling)

70 mm

ACE0065
IP65 accessory



Solutions.













In areas requiring a **higher IP protection** rating, SPACE includes an accessory that enhances its robustness without altering its invisibility or minimalist design.

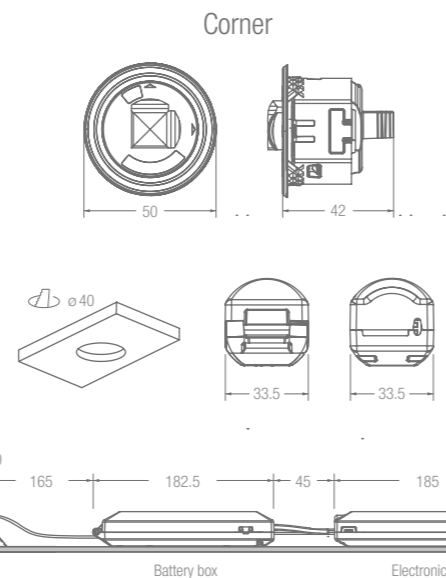




SPECIFICATION

DIMENSIONS (mm)

-  Body: Recycled polycarbonate
-  Available with 5 different lens
-  IP44 / IP65 (with accessory)
-  IK04
-  280 lm - 420 lm
-  Duration: 1 - 3 h - Battery: LiFePO₄
-  Charging time: 12 h
-  Supply: 230 V - 50 Hz
-  LED temperature: 4 000 °K
-  Working temperature: 0 °C to +40 °C
-  Autotest
-  SmartZ®



STANDARDS COMPLIANCE

EN-60598-2-22
 DALI-2: EN 62386
 Wireless SmartZ®: ETSI EN 303 447-1

CERTIFICATIONS



5 LENS OPTIONS:



Area optics are designed for open spaces, providing enough light to safely reach the nearest escape route.



Corridor optics provide 1 lux of illumination along escape routes with spacings of up to 23 meters, helping occupants evacuate safely and efficiently.



Corridor+ optics offer the same escape route lighting as standard Corridor optics, with added emphasis lighting to meet minimum illuminance requirements.



Spot optics concentrate light on critical areas or high-risk tasks, ensuring safe equipment shutdown and clear visibility of safety or fire equipment.



Corner optics are designed for changes in escape route direction, providing illumination to ensure safe passage.



More technical information



Entirely designed and
manufactured in **Spain**



**The Zemper Way
to a Better World**

Catalog printed on recycled paper, with mineral oil-free inks. Up to 90% less water consumption and 50% less energy.



ZEMPER
THE EMERGENCY LIGHTING SPECIALIST

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