

SPACE

LSLX3400LAN EV¹⁰

Taric 9405114090



Technical Standards

EN-60598-1, EN-60598-2-22, EN-62034, EN-62386

Certifications



Functional Specifications

Mechanical and Aesthetic Specifications

	Self-Contained
	Control system: DALI2
	AutoTest: Yes
	Data Bus: Yes
	Type: Non-maintained
	Supply: 230V 50Hz<0.6W
	Non-maintained mode consumption: 0,6 W
	Emergency: 420 lm
	Duration: 1 h Battery: 6.4V-1.5Ah LiFePO ₄
	Charging time: 12 h

	Mounting: Ceiling Recessed
	Insulation: Class II
	IP44
	IK04
	Lamp: 1 x LED 4W
	LED color temperature: 4000 K
	Body material: Recycled Polycarbonate
	Finish: Black RAL9005
	Diffuser / Optics: Polycarbonate Anti-panic Lens
	Working temperature: 0 / 40 °C
	Suitable for flammable surface: Yes



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Installation characteristics

Luminaires made up of a spotlight + electrical equipment + batteries

Installation type:

- Recessed ceiling.

Double spring clips installation method.

Cables between different halogen-free elements.



Operating characteristics

EVO10 is a high-performance emergency luminaire designed for maximum efficiency and sustainability. Built with LiFePO4 (Lithium Iron) battery technology, it offers an extended lifespan, reduced power consumption and enhanced reliability. Its design minimizes material use while ensuring durability, with 99% of plastics reused and 95% of energy sourced from renewables. EVO10 undergoes five levels of quality control and integrates seamlessly with the SmartZ® management system for real-time monitoring and diagnostics, optimizing performance while reducing installation and maintenance footprint, contributing to an overall sustainability solution. Manufactured in the EU, that meets the highest industry standards and comes with a 10-year warranty, ensuring long-term operational efficiency and lower maintenance costs.

Bus available for DALI2 communication.

Microprocessor controlled luminaire that performs periodic and automatic tests.








Functional test every **7 days**.



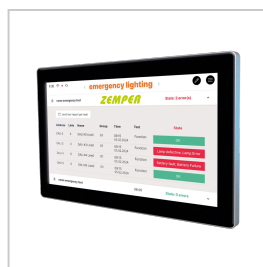
Duration test every **365 days**.

The test result is shown in the status indicator LEDs.

The luminaire has status LEDs, which indicates:

- | | | |
|---|--|--|
|  Green on: correct operation |  Orange on: incorrect battery or duration |  Both leds off: no power supply or total failure of the luminaire |
|  Green flashing: test in progress |  Orange flashing: functional failure | |

Accessories



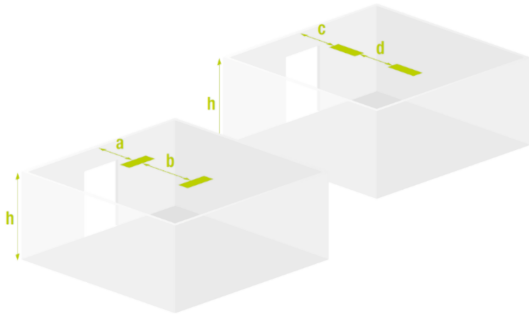
ZWEBDALI2
CENTRAL DALI2



ACE0065N
ACC. IP65 SPACE
BLACK

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Spacing table



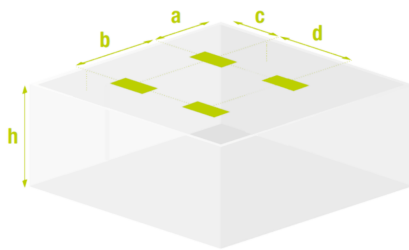
h	a	b	c	d
2 m	5,7 m	13,0 m	5,7 m	13,0 m
2.5 m	6,2 m	15,0 m	6,3 m	15,0 m
3 m	6,4 m	16,5 m	6,5 m	16,5 m
4 m	5,1 m	17,8 m	5,0 m	17,8 m
5 m	3,9 m	16,0 m	3,9 m	16,0 m

Spacing data calculated with no reflections and a maintenance factor of 0.9.

Compliant with the updated standard EN-1838:2024.

Minimum illuminance of 1 lux over a 1 m wide evacuation path.

The calculation of spacing distances is carried out considering the height of the light emission point, without taking into account the dimensions of the luminaire.



h	a	b	c	d
2 m	6,3 m	12,0 m	6,3 m	12,5 m
2.5 m	7,5 m	13,5 m	7,2 m	14,0 m
3 m	8,4 m	15,5 m	8,1 m	15,5 m
4 m	9,0 m	18,5 m	9,0 m	18,5 m
5 m	7,8 m	21,5 m	7,8 m	21,5 m

Spacing data calculated with no reflections and a maintenance factor of 0.9.

Compliant with the updated standard EN-1838:2024.

Minimum illuminance of 0.5 lux (anti-panic calculation).

The calculation of spacing distances is carried out considering the height of the light emission point, without taking into account the dimensions of the luminaire.

Photometric guide

