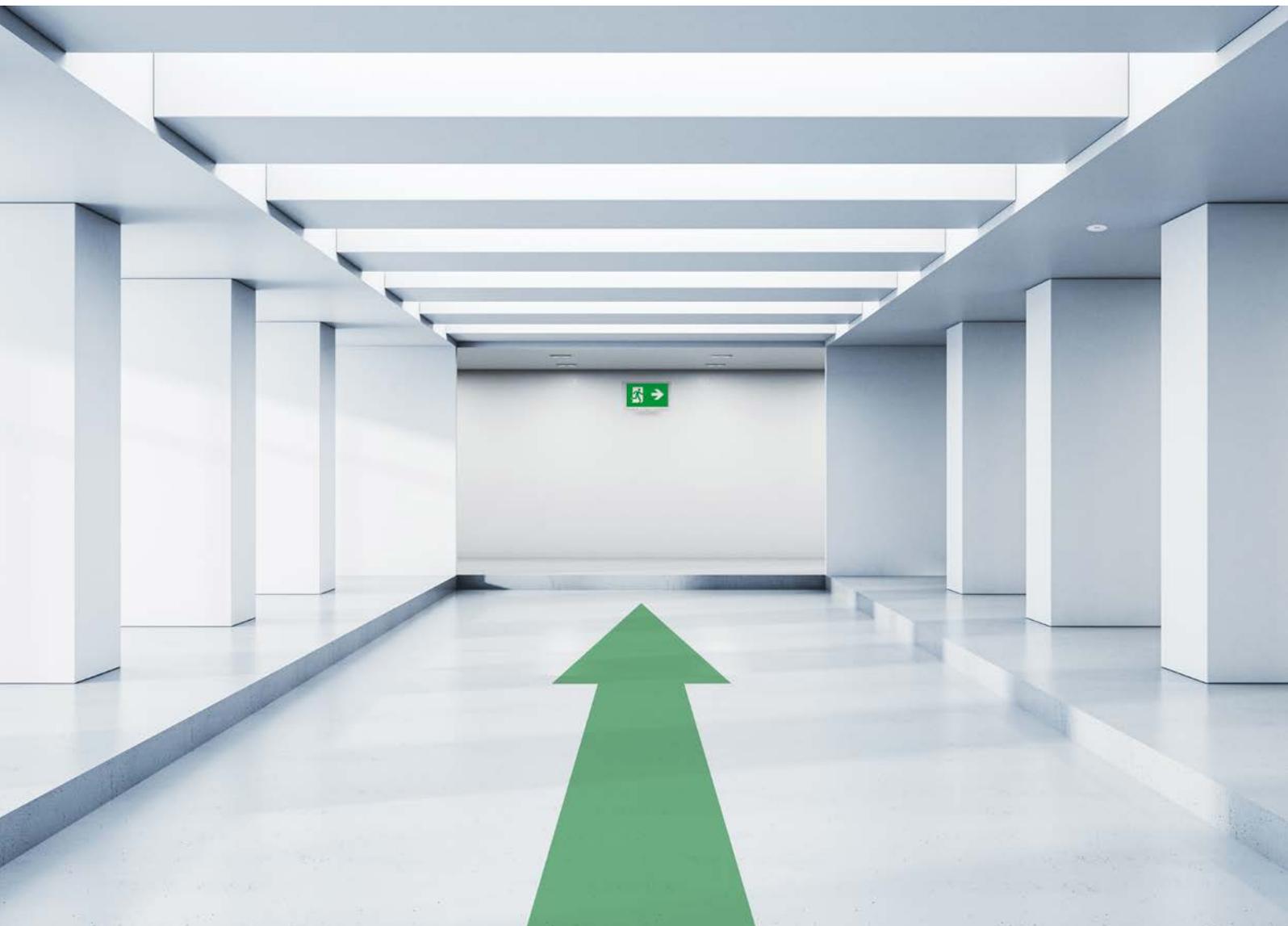




ZEMPER

THE EMERGENCY LIGHTING SPECIALIST



EMERGENCY LIGHTING



ZEMPER

THE EMERGENCY LIGHTING SPECIALIST



■ Iconography



Body Material

IP

IP Rating

IK

IK Rating

lm

Lumen Output Range



Battery Duration



Charging time



Supply Voltage & Frequency

LED

LED temperature



Working temperature



AutoTest



SmartZ®



SmartZ®

Index ■

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THE EMERGENCY LIGHTING SPECIALIST

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ZEMPER

THE EMERGENCY LIGHTING SPECIALIST

Zemper, from its technically sophisticated facilities in Spain, designs and manufactures a comprehensive range of professional emergency lighting and control systems for a wide range of applications including:

- Car Park
- Clean Environment
- Custodial
- Data Centres
- Education
- External
- Food
- Hazardous
- Healthcare
- Industry
- Office
- Track
- Social Housing
- Warehouse and Logistics



Zemper in the world

SPAIN



Ciudad Real: Headquarters.



Barcelona: Showroom and facilities.



Madrid: Showroom and facilities.

 ZEMPER BELUX



zemper.com/be

 ZEMPER FRANCE



zemper.fr

 ZEMPER UK



zemper.com/uk

Commercial branches: Morocco, Colombia and UAE.

Zemper is part of FW Thorpe industrial group.



Designers, manufacturers and suppliers of professional emergency lighting system since 1967

Over the last 50 years, the company has focused on high technology products and lighting control systems.

Huge investment in design and testing facilities in Ciudad Real (Spain) has now put **Zemper** at the forefront of its market sector.

When choosing **Zemper** you can be confident of receiving:

- Professional, competent advice from a long-established Spanish company.
- Excellent customer service and a 5-year warranty.



■ Production plant



Visit our Factory



SMD Room ■

Zemper owns the complete production cycle for emergency luminaires.

The company's continuous investments in new machinery have increased capacity and modernised the manufacturing process (laser marking, pcb functional test, etc.).

Zemper's luminaires and systems are designed and engineered for reliability and governed by rigorous quality assurance processes at every stage in the development and production cycle.

Factory: 10 000 m²
Production Plant: 6 000 m²
Luminaire capacity: 2.5 million units/year

Zemper is able to exploit recent advances in LED technology to help meet customer demand for energy-efficient solutions.

Almost all LED products benefit from bespoke LED printed circuit boards (PCBs) designed by the Zemper technical team. These PCBs ensure that Zemper emergency luminaires deliver maximum performance.

3 million components placed per week



■ New plastic factory



Our plastics division has a versatile machine park, capable of producing parts of different sizes and materials.

We have state-of-the-art injection molding machines from leading brands in the sector, which guarantee automated processes and optimal quality. We internally inject 100% of the parts for our luminaires and have

our own workshop for the development of specialized molds. We continue to strengthen our facilities with the incorporation of new equipment and improvements aimed at developing more innovative injection technologies.



■ R&D department



13 Engineers (10% of the staff)

Mechanical development (3D Designs and Mould Management)

Full electronic component design

Systems (Software and Communications)

Lighting designs for projects

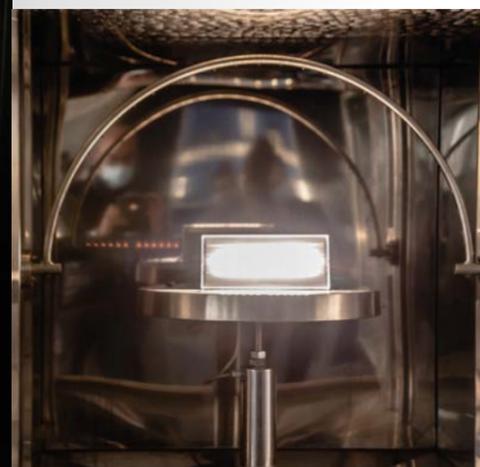
Own laboratories ■



We research and test internally without limits.

Guaranteed products with full quality and confidence.

Dust tightness chamber, impact hammer, climatic chamber, glow wire machine, EMC tester, battery duration testers, 2 Ulbricht spheres, etc.



Product Certifications



5 Year Warranty:
A genuine warranty with genuine value



5 year warranty for standard, autotest, SmartZ[®] and DALI-2 Lithium battery.
Warranty for complete product, including electronics and battery.

A leading company in sustainability and environmental commitment

Our Sustainability Certificates



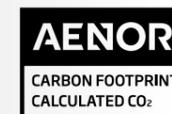
The world's most trusted provider of business sustainability ratings.



EN 60598-2-22
Certification issued by an independent body, that it is a tool for recognising the ecological quality of a product.



All Zemper products have been designed and manufactured in Spain.



GHG Protocol
The total company amount of greenhouse gas emissions (GHG) that are generated from the manufacturing to the sale of the products.



EN 60598-2-22 + Sustainable Aenor Protocol
Certifies that in addition to complying with the requirements of the brand N (which is equal to ENEC) meets the strictest requirements of sustainability during its manufacture.



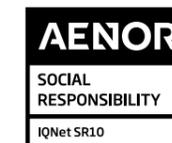
ISO 14001
Assures that Zemper measures and reduces its environmental impacts and complies with environmental legislation.



ISO 9001
Ensure that Zemper's customers get consistently good quality products and services.



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.



EA ISO 20400
Ensures that Zemper integrates social, environmental, and ethical criteria into its purchasing processes, promoting a responsible and sustainable supply chain.

AENOR: Reference certification body for systems and products in Spain.



Focus on Projects

Spain



Banco de España (Madrid)



Santiago Bernabeu (Madrid)



Osasuna Football Stadium (Pamplona)



Hard Rock Hotel (Tenerife)



Ferrari Land (PortAventura, Tarragona)



Hoteles Palace (Madrid)



Fábrica Nacional de Moneda y Timbre (Madrid)



Campus GenCat (Barcelona)



Airbus (Madrid)



Platinum@bcn Business Park (Barcelona)



Aeropuerto de Valencia (Valencia)



Torre Pelly (Sevilla)



Centro Logístico Mango (Lliçà d'Amunt, Barcelona)



Hospital Universitario (Toledo)



Aéropuerto Adolfo Suárez Madrid-Barajas (Madrid)



Centro Logístico Desigual (Barcelona)

ZEMPER

Working together on projects all over the world

We are present in 5 continents and 30 countries. We have more than 50 year of experience behind us and this enables us to offer competitive solutions that we bring to every project we undertake. Our customers rely on our know-how and this trust is one of our greatest strengths.

Belgium



ZNA Hospital (Antwerp)



Brussels Airport (Brussels)



PWC Diegem - Ghelamco (Brussels - Diegem)



HQ Bankcompagny BNP (Brussels)



ZNA Ziekenhuis (Antwerp)



Royal Belge (Brussels)



Offices in a culture hall Tour & Taxi (Brussels)



New Town Hall (Hasselt)



AZ Jan Palfijn - Gent (Ziekenhuis)



AZ Jan Palfijn - Gent (Ziekenhuis)



Casino (Middelkerke)



Airport Terminal Extension (Brussels)



WZC Heilige Familie (Kuurne)



WZC De Zavel (Antwerpen)



The Wings (Brussels)



Palais de Justice (Namur)



De Persgroep HQ of Belgium most Important Multi-Media Company (Antwerp)

Focus on Projects

France



Hôtel Sheraton (Nice)



Renault – Bâtiment X (Boulogne)



Hôpital maritime (Zuydcoote)



Cathédrale de la Major (Marseille)



Musée Fabre (Montpellier)



Base Nautique du Roucas Blanc JO 2024 (Marseille)



Siège ORANGE (Saint Denis)



Hôtel TIARA Miramar Beach (Théoule sur mer)



Entrepôt de stockage LIDL (Aix en Provence)

Portugal



Lisbon Metro (Lisbon)



Terceira Island Hospital (Azores)



EPM Smart Building (Medellin)

Austria



Brandbox (Salzburg)



Rortunet (Oslo)

Colombia

ZEMPER

Working together on projects
all over the world

We are present in 5 continents and 30 countries.
We have more than 50 year of experience behind us and this enables us to offer competitive solutions that we bring to every project we undertake. Our customers rely on our know-how and this trust is one of our greatest strengths.

Morocco



Université Mohamed VI (Casablanca)



Hotel Hilton (Ben Grir)



Aéroport international (Djibouti)



Hotel St. Régis (M'Diq)



Université Mohamed VI (Casablanca)



ANCFCC (Rabat)



Centre commercial ARRIBAT CENTER



Centre Commercial (Tanger)



Aéroport International (Casablanca)

Djibouti



Ambouli International Airport (Djibouti City)



L'ESPLANADE du Palais Présidentiel



Postel Tower (Abidjan)



Exhibition Centre (Abidjan)

Cote d'Ivoire

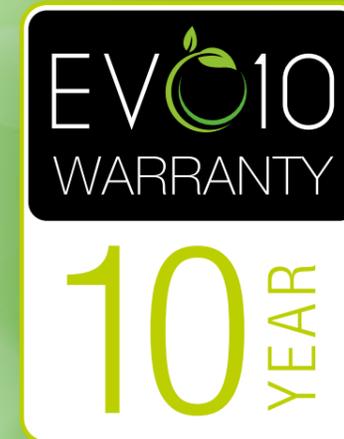
Algeria



Houari Boumediene International Airport (Algiers)

EVO10

Zemper's
most sustainable
and durable range



Environmentally Friendly Emergency Luminaires



The Zemper Way
to a Better World

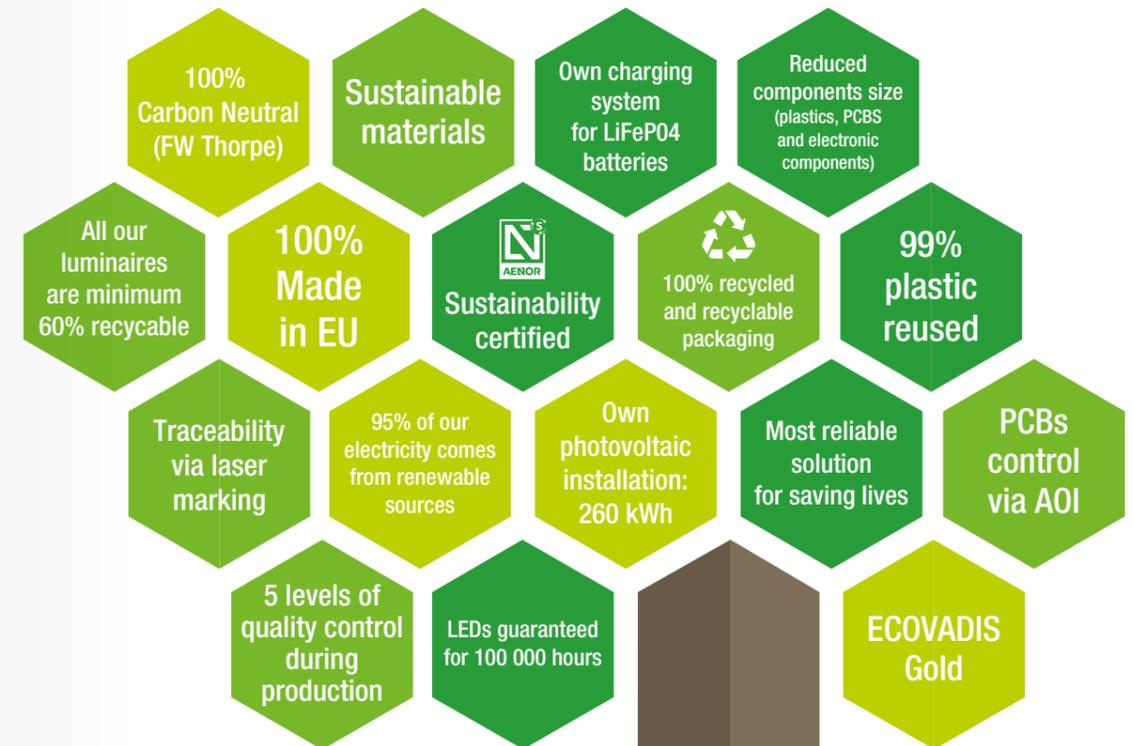
At Zemper we develop more environmentally friendly emergency luminaires. This means the implementation, in our production system, of innovative strategies such as:



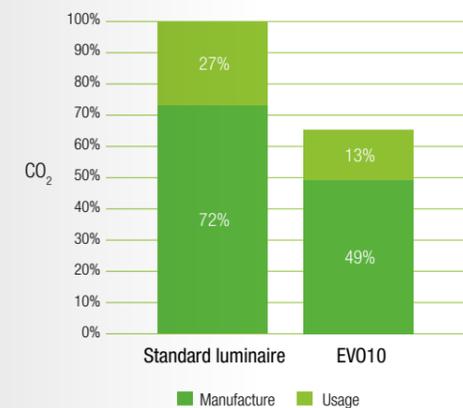
Dematerialization, i.e. the use of fewer resources for the production of the same products.



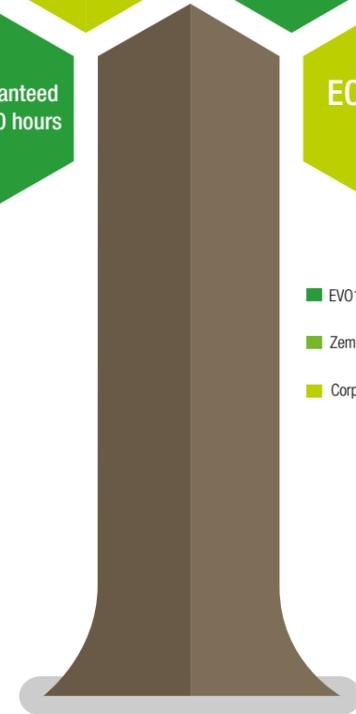
Life cycle design. Our designers not only design “green” products that are environmentally friendly when they are in use, but also throughout the entire life cycle of the luminaire.



-38% CO₂ emission at manufacturing



EV010
Zemper's products
Corporate



Largest Battery Study in the World

Largest Battery Study in the World

In collaboration with experts from the IMDEA Institute, Zemper has conducted **the largest-ever study of LiFePO₄ batteries in an emergency lighting application**, including ideal operating temperatures.

Years of analysis and research have gone into designing long-lasting luminaires.

The development of microprocessor-controlled hardware and software to manage the load of LiFePO₄ batteries has **optimized battery lifetime**.



Advanced technology – increased/decreased temperature performance range, density/capacity of charge, lightweight etc.

Enhanced storage longevity (correct ambient temperature).

Reduced cell size + lighter weight = smaller product design.

Cost-effective - competitive pricing compared to NiMH & NiCd battery versions.

Reliable operation with **three safety layers of monitoring**: temperature, charge and discharge performance.

Increase warranty due to the **longer lifespan** technology.

Lithium displays **higher sustainable properties** over NiMH & NiCd = lower embedded carbon values.

The **marketing leading technology** for the emergency lighting category.

Environmental Benefits

CO₂

1. Carbon Reduction



'4.6kg CO₂ reduction during a 10 year lifetime'

2. Embedded Carbon



4.5x
Reduction

Current study results:
Per ton of NiMH production = 28,380 kg CO_{2e}
Per ton of Li Ion Production = 6,308 kg CO_{2e}

Environmental Benefits

3. Power Consumption

NiCd
Trickle charge - 20,174 watt hours per annum

NiMH
Pulse charge - 14,920 watt hours per annum (26% reduction)

LiFePO₄
Cut off charge - 12,655 watt hours per annum (15% reduction)

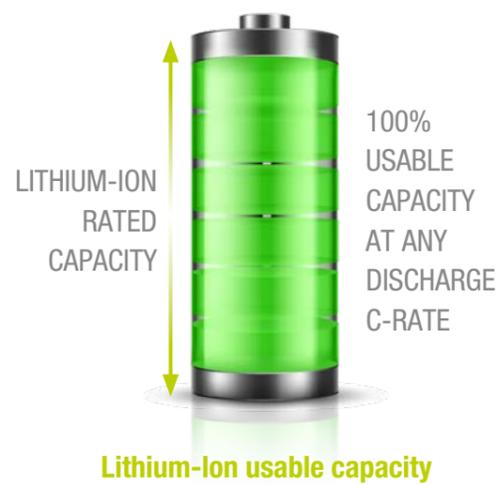
4. End of Life



Higher “usable” capacity

Unlike other batteries, it is considered appropriate to regularly use **90% of the nominal capacity** of a lithium battery bank and even more on an occasional basis.

Considering a 100 Ah battery: if it were lead acid, it would be prudent to use a maximum of between 30 and 50 Ah of current, but with a lithium battery 90 Ah or even 100 Ah (100% DoD) could be used.

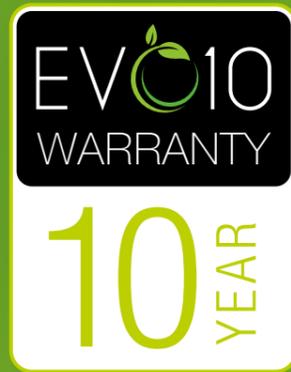


For all these reasons, the way we design, the way we produce, the components we use, the tests we make: **we can ensure EVO-10 will last 10 years.**



The Zemper EVO-10 product warranty offered to customers covers a period of 10 years. Please consult our General Conditions of Guarantee.





RANGE



EVO10

RANGE



	Emergency	Dur.	Battery	Lens	Part number
Autotest	285 lm	3	6.4V-3.0Ah LiFePo ₄	Escape Route	LSLX3251LX3
	300 lm	3	6.4V-3.0Ah LiFePo ₄	Narrow	LSLX3304LX3
	320 lm	3	6.4V-3.0Ah LiFePo ₄	Antipanic	LSLX3300LX3
	370 lm	3	6.4V-4.0Ah LiFePo ₄	Escape Route +	LSLX3402LX3
	380 lm	3	6.4V-4.0Ah LiFePo ₄	Corner	LSLX3403LX3
	400 lm	3	6.4V-4.0Ah LiFePo ₄	Narrow	LSLX3404LX3
	420 lm	3	6.4V-4.0Ah LiFePo ₄	Antipanic	LSLX3400LX3
DALI	285 lm	3	6.4V-3.0Ah LiFePo ₄	Escape Route	LSLX3251LA3
	300 lm	3	6.4V-3.0Ah LiFePo ₄	Narrow	LSLX3304LA3
	320 lm	3	6.4V-3.0Ah LiFePo ₄	Antipanic	LSLX3300LA3
	370 lm	3	6.4V-4.0Ah LiFePo ₄	Escape Route +	LSLX3402LA3
	380 lm	3	6.4V-4.0Ah LiFePo ₄	Corner	LSLX3403LA3
	400 lm	3	6.4V-4.0Ah LiFePo ₄	Narrow	LSLX3404LA3
	420 lm	3	6.4V-4.0Ah LiFePo ₄	Antipanic	LSLX3400LA3
Wireless SmartZ®	285 lm	3	6.4V-3.0Ah LiFePo ₄	Escape Route	LSLX3251LW3
	300 lm	3	6.4V-3.0Ah LiFePo ₄	Narrow	LSLX3304LW3
	320 lm	3	6.4V-3.0Ah LiFePo ₄	Antipanic	LSLX3300LW3
	370 lm	3	6.4V-4.0Ah LiFePo ₄	Escape Route +	LSLX3402LW3
	380 lm	3	6.4V-4.0Ah LiFePo ₄	Corner	LSLX3403LW3
	400 lm	3	6.4V-4.0Ah LiFePo ₄	Narrow	LSLX3404LW3
	420 lm	3	6.4V-4.0Ah LiFePo ₄	Antipanic	LSLX3400LW3

Non Maintained



SPACE

[VIEW TECHNICAL SHEET](#)

EVO10

RANGE



SPAZIO ON 10

[VIEW TECHNICAL SHEET](#)



SPAZIO LUZ 10

[VIEW TECHNICAL SHEET](#)



ALYA MAXI 10

[VIEW TECHNICAL SHEET](#)



WALYA MAXI 10

[VIEW TECHNICAL SHEET](#)

	Emergency	Dur.	Battery	Part number
DALI	95 lm	3 h	3.2V 1.8Ah LiFePo ₄	LSMX3100LA3
	95 lm	3 h	3.2V 1.8Ah LiFePo ₄	LSMX3101LA3
	95 lm	3 h	3.2V 1.8Ah LiFePo ₄	LSMX3102LA3
Wireless SmartZ®	95 lm	3 h	3.2V 1.8Ah LiFePo ₄	LSMX3100LW3
	95 lm	3 h	3.2V 1.8Ah LiFePo ₄	LSMX3101LW3
	95 lm	3 h	3.2V 1.8Ah LiFePo ₄	LSMX3102LW3

For black version, add "N" at the end of the part number.
Luminous flux decreases by 6% in black colour version.

Non Maintained

	Emergency	Dur.	Battery	Part number
DALI	120 lm	3 h	3.2V 1.8Ah/h LiFePo ₄	LUZX4150LA3
Wireless SmartZ®	120 lm	3 h	3.2V 1.8Ah/h LiFePo ₄	LUZX4150LW3

For black version, add "N" at the end of the part number.
Luminous flux decreases by 12% in black colour version.

Non Maintained

	Emergency	Dur.	Battery	Part number
DALI	175 lm	3 h	3.2V 3.0Ah/h LiFePo ₄	LYAX5170LA3
Wireless SmartZ®	175 lm	3 h	3.2V 3.0Ah/h LiFePo ₄	LYAX5170LW3

For black version, add "N" at the end of the part number.
Luminous flux decreases by 18% in black colour version.

Non Maintained

	Emergency	Dur.	Battery	Part number
DALI	95 lm	3 h	3.2V 1.5Ah/h LiFePo ₄	LYWX5100LA3
Wireless SmartZ®	95 lm	3 h	3.2V 1.5Ah/h LiFePo ₄	LYWX5100LW3

For black version, add "N" at the end of the part number.
Luminous flux decreases by 18% in black colour version.

Non Maintained



EXITALYA MAXI 10
SURFACE

[VIEW TECHNICAL SHEET](#)

	Emergency	Dur.	Battery	Part number
	--	3 h	3.2V 3.0A/h LiFePo ₄	LYEX5070LAP3
Wireless SmartZ [®]	--	3 h	3.2V 3.0A/h LiFePo ₄	LYEX5070LWP3

For version in black colour, add an 'N' at the end of the part number.
Maintained



EXITALYA MAXI 10
SURFACE DOWNLIGHT

[VIEW TECHNICAL SHEET](#)

	Emergency	Dur.	Battery	Part number
	65 lm	3 h	3.2V 3.0A/h LiFePo ₄	LYEX5120LAP3
Wireless SmartZ [®]	65 lm	3 h	3.2V 3.0A/h LiFePo ₄	LYEX5120LWP3

For black version, add "N" at the end of the part number.
Luminous flux decreases by 18% in black colour version.
Maintained / Non Maintained



EXITALYA MAXI 10
RECESSED

[VIEW TECHNICAL SHEET](#)

	Emergency	Dur.	Battery	Part number
Wireless SmartZ [®]	--	3 h	3.2V 3.0A/h LiFePo ₄	LYRX5070LWP3

For black version, add "N" at the end of the part number.
Maintained



EXITALYA MAXI 10
RED

[VIEW TECHNICAL SHEET](#)

	Emergency	Dur.	Battery	Part number
	65 lm	3 h	3.2V 1.5A/h LiFePo ₄	LYEX5125LAP3
Wireless SmartZ [®]	65 lm	3 h	3.2V 3.0A/h LiFePo ₄	LYEX5125LWP3

For black version, add "N" at the end of the part number.
Luminous flux decreases by 18% in black colour version.
Maintained / Non Maintained



DIANA 10

[VIEW TECHNICAL SHEET](#)

	Emergency	Dur.	Battery	Part number
	240 lm	3 h	3.2V 3.0Ah LiFePo ₄	LDFX9230LA3
Wireless SmartZ [®]	240 lm	3 h	3.2V 3.0Ah LiFePo ₄	LDFX9230LW3

For black version, add "N" at the end of the part number.
Luminous flux decreases by 18% in black colour version.
Non Maintained



DIANA IP66 10

[VIEW TECHNICAL SHEET](#)

	Emergency	Dur.	Battery	Part number
	250 lm	3 h	3.2V 3.0Ah LiFePo ₄	LXEX9230LA3
Wireless SmartZ [®]	250 lm	3 h	3.2V 3.0Ah LiFePo ₄	LXEX9230LW3

Non Maintained



ARIAN 10

[VIEW TECHNICAL SHEET](#)

	Emergency	Dur.	Battery	Part number
	230 lm	3 h	3.2V 3.0Ah LiFePo ₄	LAEX9230LA3
Wireless SmartZ [®]	230 lm	3 h	3.2V 3.0Ah LiFePo ₄	LAEX9230LW3

Non Maintained

5 YEAR WARRANTY RANGE



ALYA RANGE

Alya range is a disruptive concept in emergency lighting luminaires

Alya was designed to be small, compact and flat, whilst still very efficient and powerful.

This is thanks to the design of a specific lens for emergency lighting specially carried out by Zemper (corridor + open areas). The light distribution of the Alya is exactly what emergency lighting needs.



Walya



Alya

Alya family is composed of three types of luminaires:



• **Alya** : Luminaire to be used in surface and recessed ceiling mounted.



• **Walya** : Wall mounted luminaire.

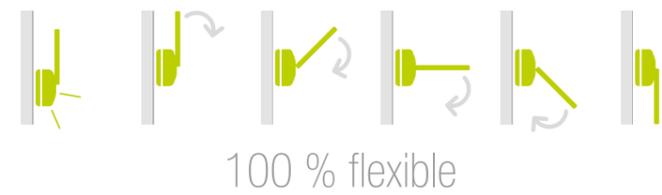


• **Exitalya** : Luminaire specially designed as exit sign which can be adapted to any position or ceiling.

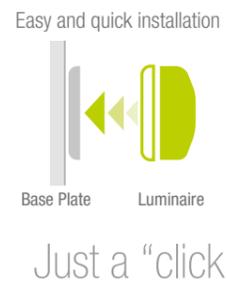
Alya, a constantly evolving range.

■ Alya Range Advantages

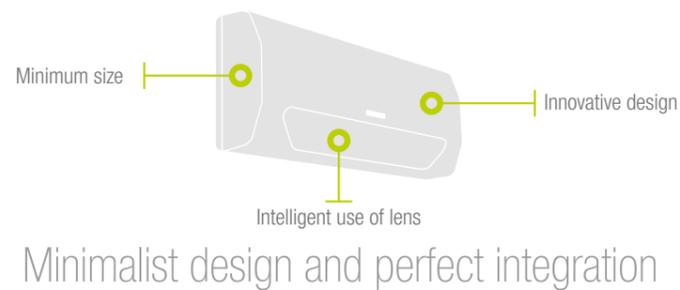

Exit sign



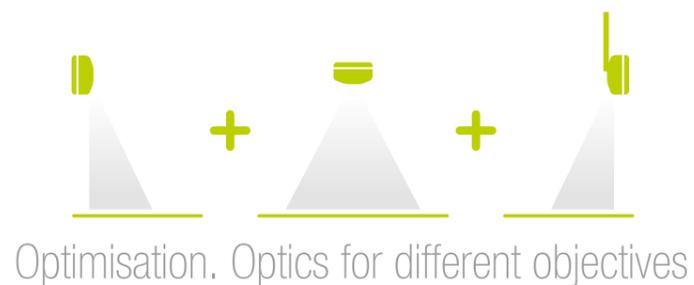

quick installation



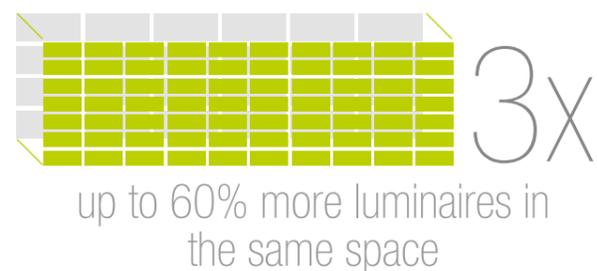

Design




Optics

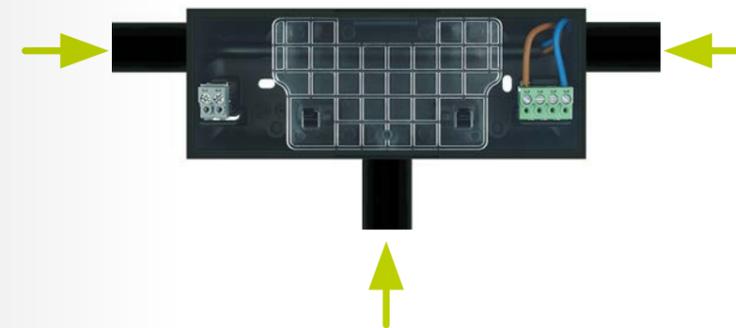



Easy storage



Alya evolves: even more possibilities

Three versatile side entry options
Increased security thanks to electronic protection



It allows lateral cable entry


Lateral entry

AYE0065



From IP42 to IP65, in one click

IP65
Extended Installation



IP42 IK04



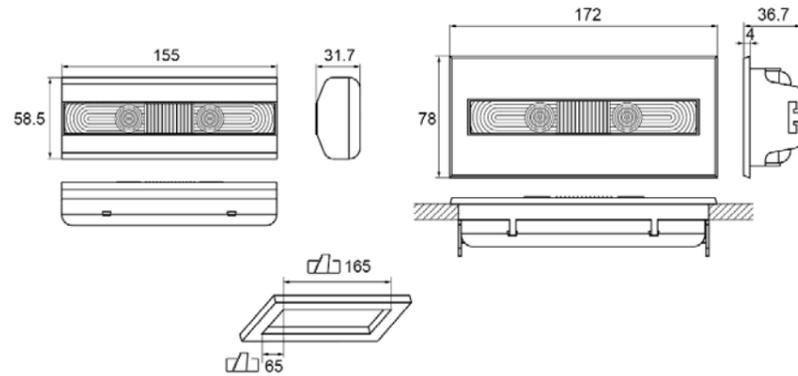
WARRANTY
2 YEAR

WARRANTY
5 YEAR

— Installation —

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✓
	Recessed	✓

— Dimensions (mm) —



— Specification —

- Body: Polycarbonate
- IP IP42
- IK IK04
- Emergency: 150 ~ 300 lm
- Mains: 100 ~ 180 lm
- Autonomy: 3 h
- Battery: LiFePO₄
- Charging time: 12 h, 24 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

— Technical compliance —

EN-300-220-1 EN-300-220-2 EN-303-446-1
EN-60598-1 EN-60598-2-22 EN-62034 EN-62386

— Certifications —



— Range —

	Emergency	Mains	Type*	Dur.	Battery	Part number
Standard	150 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LYA3150LC3
AutoTest	150 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LYA3150LX3
	170 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LYA3200LX3
DALI 2	300 lm	150 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYA3300LXP3
	170 lm	100 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LYA3200LAP3
Wireless SmartZ®	300 lm	180 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYA3300LAP3
	170 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LYA3200LD3W
Wireless	300 lm	180 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYA3300LDP3W

14 / 28

*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

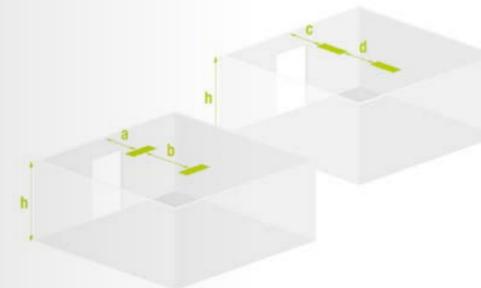
— Available colours —



For black versión, add "N" at the end of de part number.

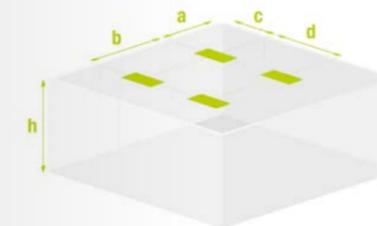
— Spacing table —

Calculated for reference LYA3200LX3 (170 lm)



h	a	b	c	d
2 m	2,8 m	7,0 m	3,6 m	10,5 m
2.5 m	2,7 m	7,6 m	3,7 m	10,6 m
3 m	2,9 m	7,8 m	3,2 m	10,6 m
4 m	2,9 m	8,1 m	3,2 m	10,0 m
5 m	2,5 m	8,5 m	3,0 m	9,5 m

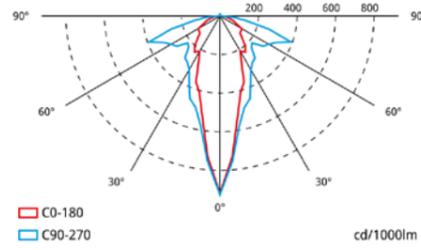
Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 1 lux over a 1 m wide evacuation path.



h	a	b	c	d
2 m	4,8 m	8,0 m	3,6 m	7,5 m
2.5 m	5,1 m	8,5 m	3,9 m	8,5 m
3 m	5,1 m	9,0 m	3,9 m	9,5 m
4 m	4,5 m	11,0 m	3,9 m	10,5 m
5 m	4,5 m	12,0 m	4,2 m	11,5 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 (anti-panic calculation).

— Photometric guide —



— Accessories —



AMY0011
ACC. REC. ALYA
WHITE

AYE0065
Upgrade from
IP42 to IP65 in one click



ALYA MAXI



IP42 IK04

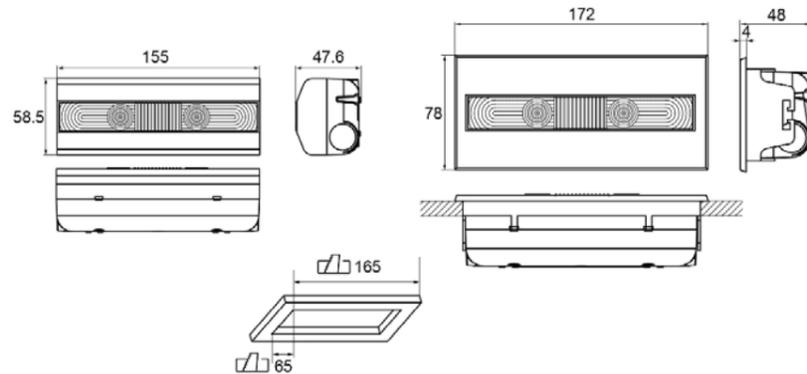


WARRANTY 5 YEAR
EV010 WARRANTY 10 YEAR

Installation

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✓
	Recessed	✓

Dimensions (mm)



Specification

- Body: Polycarbonate, Recycled Polycarbonate
- IP IP42
- IK IK04
- Emergency: 170 ~ 300 lm
Mains: 100 ~ 180 lm
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

Technical compliance

EN-303-446-1 EN-60598-1 EN-60598-2-22
EN-62034 EN-62386

Certifications



ALYA MAXI

Range

	Emergency	Mains	Type*	Dur.	Battery	Part number
AutoTest	170 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LYA5200LX3
	300 lm	150 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYA5300LXP3
DALI	170 lm	100 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LYA5200LAP3
	300 lm	180 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYA5300LAP3
Wireless SmartZ®	170 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LYA5200LW3
	300 lm		NM	3 h	3.2V-3.0Ah LiFePO ₄	LYA5300LW3

EV010 WARRANTY 10 YEAR

	Emergency	Mains	Type*	Dur.	Battery	Part number
DALI	175 lm		NM	3 h	3.2V-3.0Ah LiFePO ₄	LYAX5170LA3
Wireless SmartZ®	175 lm		M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYAX5170LW3



*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

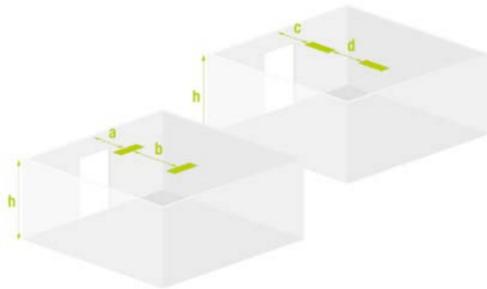
Available colours



For black versión, add "N" at the end of de part number.

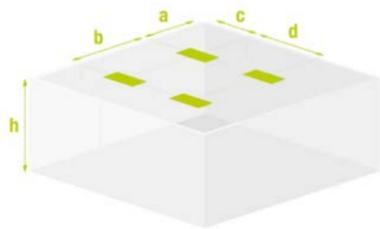
— Spacing table —

Calculated for reference LYAX5170LA3 (175 lm)



h	a	b	c	d
2 m	2,8 m	7,0 m	3,7 m	10,6 m
2,5 m	2,8 m	7,8 m	3,8 m	10,6 m
3 m	2,9 m	7,8 m	3,3 m	11,0 m
4 m	3,0 m	8,1 m	3,2 m	10,5 m
5 m	2,5 m	8,6 m	3,0 m	9,5 m

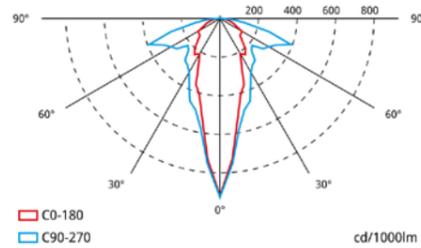
Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 1 lux over a 1 m wide evacuation path.



h	a	b	c	d
2 m	5,1 m	8,0 m	3,6 m	7,5 m
2,5 m	5,1 m	8,5 m	3,9 m	8,5 m
3 m	5,1 m	9,0 m	3,9 m	9,5 m
4 m	4,8 m	10,5 m	3,9 m	11,0 m
5 m	4,5 m	12,5 m	4,2 m	11,5 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 (anti-panic calculation).

— Photometric guide —



C0-180
C90-270

cd/1000lm

— Accessories —



AMY0011
ACC. REC. ALYA
WHITE



IP42 IK04

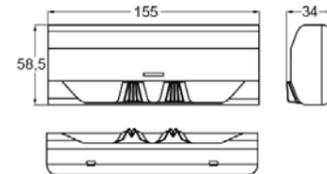


WARRANTY
5 YEAR

— Installation —

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✗

— Dimensions (mm) —



— Specification —

- Body: Polycarbonate
- IP IP42
- IK IK04
- Emergency: 150 lm
Mains: 90 lm
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

— Technical compliance —

EN-300-220-1 EN-300-220-2 EN-303-446-1
EN-60598-1 EN-60598-2-22 EN-62034

— Certifications —



— Range —

	Emergency	Mains	Type*	Dur.	Battery	Part number
AutoTest	150 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LYW3150LX3
	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LYW3150LXP3
DALI 2	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LYW3150LAP3
	150 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LYW3150LW3
Wireless SmartZ®	150 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LYW3150LW3
	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LYW3150LDP3W



14

*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

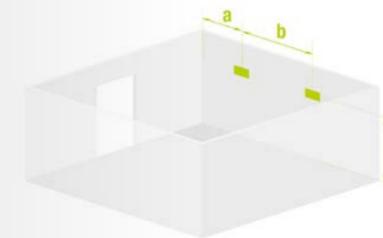
— Available colours —



For black version, add "N" at the end of the part number.

— Spacing table —

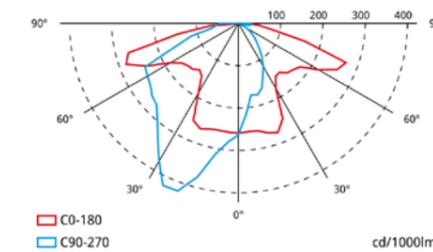
Calculated for reference LYW3150LX3 (150 lm)



h	a	b
2.5 m	1,6 m	6,9 m
3 m	-	5,4 m
3.5 m	-	2,9 m
4 m	-	-
4.5 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 1 lux over a 1 m wide evacuation path.

— Photometric guide —



WALYA MAXI



IP42 IK04

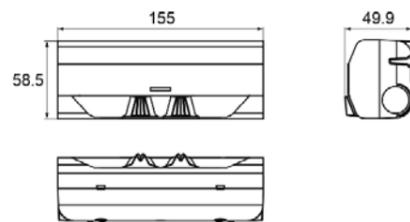


WARRANTY 5 YEAR
EVOLIO WARRANTY 10 YEAR

Installation

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✗

Dimensions (mm)



Specification

- Body: Recycled Polycarbonate, Polycarbonate
- IP IP42
- IK IK04
- Emergency: 95 ~ 150 lm
Mains: 90 lm
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

Technical compliance

EN-303-446-1 EN-60598-1 EN-60598-2-22
EN-62034 EN-62386

Certifications



WALYA MAXI

Range

	Emergency	Mains	Type*	Dur.	Battery	Part number
AutoTest	150 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LYW5150LX3
DALI	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LYW5150LAP3

EVOLIO WARRANTY 10 YEAR

	Emergency	Mains	Type*	Dur.	Battery	Part number
DALI	95 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LYWX5100LA3
Wireless SmartZ®	95 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LYWX5100LW3

14

*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

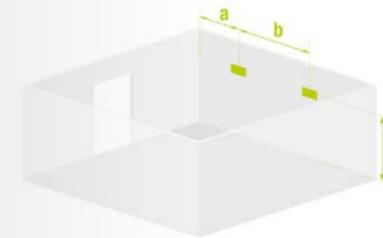
Available colours



For black versión, add "N" at the end of de part number.

Spacing table

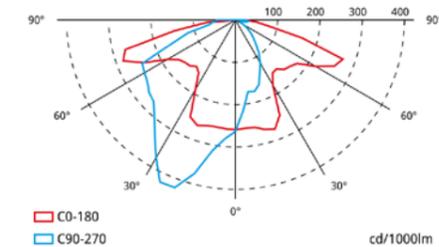
Calculated for reference LYW5150LX3 (150 lm)



h	a	b
2.5 m	1,6 m	6,9 m
3 m	-	5,4 m
3.5 m	-	2,9 m
4 m	-	-
4.5 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 1 lux over a 1 m wide evacuation path.

Photometric guide





EXITALYA SURFACE



IP42 IK04

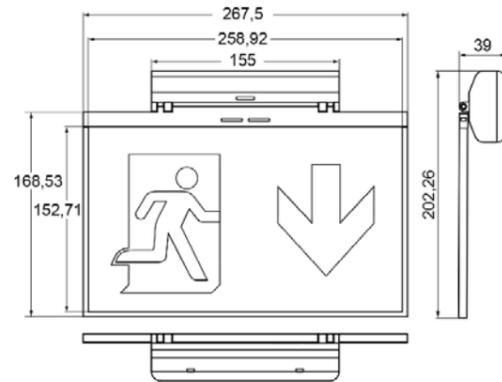


WARRANTY
5 YEAR

Installation

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✓
	Recessed	✗

Dimensions (mm)



Specification

- Body: Polycarbonate
- IP IP42
- IK IK04
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 6500 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2
- 25 m range

Technical compliance

EN-303-446-1 EN-60598-1 EN-60598-2-22
EN-62034 EN-62386

Certifications



EXITALYA SURFACE

Range

Type*	Dur.	Battery	Part number
AutoTest	M 3 h	3.2V-1.5Ah LiFePO ₄	LYE3070LXP3
DALI	M 3 h	3.2V-1.5Ah LiFePO ₄	LYE3070LAP3
Wireless SmartZ®	M 3 h	3.2V-1.5Ah LiFePO ₄	LYE3070LWP3



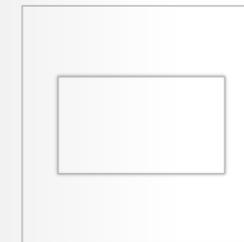
*M: Maintained.

Available colours



For black version, add "N" at the end of the part number.

Accessories



EEP406
PICT. EXITALYA
WHITE



EEP407
PICT. EXITALYA
MAN + UP ARROW



EEP408
PICT. EXITALYA
MAN + DOWN ARROW



EEP409
PICT. EXITALYA
MAN + SIDE ARROW



EXITALYA MAXI SURFACE



IP42

IK04



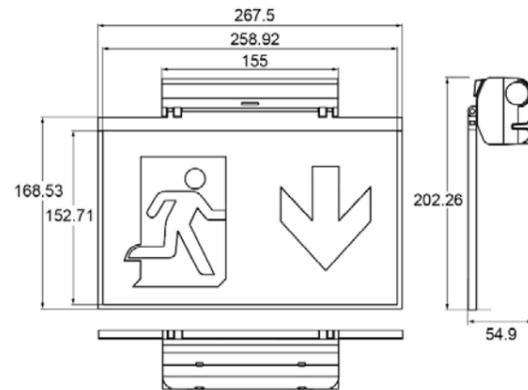
WARRANTY
5 YEAR

EVO10 WARRANTY
10 YEAR

— Installation —

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✓
	Recessed	✗

— Dimensions (mm) —



— Specification —

- Body: Polycarbonate, Recycled Polycarbonate
- IP IP42
- IK IK04
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 6500 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2
- 25 m

— Technical compliance —

EN-303-446-1 EN-60598-1 EN-60598-2-22
EN-62034 EN-62386

— Certifications —



EXITALYA MAXI SURFACE

— Range —

Type*	Dur.	Battery	Part number
AutoTest	M 3 h	3.2V-1.5Ah LiFePO ₄	LYE5070LXP3
DALI2	M 3 h	3.2V-1.5Ah LiFePO ₄	LYE5070LAP3
Wireless SmartZ®	M 3 h	3.2V-1.5Ah LiFePO ₄	LYE5070LWP3

EVO10 WARRANTY
10 YEAR

Type*	Dur.	Battery	Part number
DALI2	M 3 h	3.2V-3.0Ah LiFePO ₄	LYEX5070LAP3
Wireless SmartZ®	M 3 h	3.2V-3.0Ah LiFePO ₄	LYEX5070LWP3

12

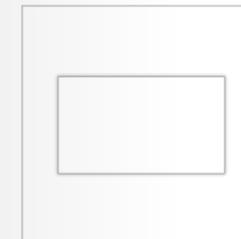
*M: Maintained.

— Available colours —



For black versión, add "N" at the end of de part number.

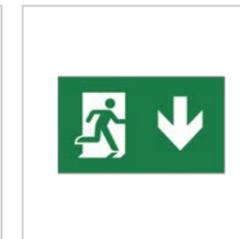
— Accessories —



EEP406
PICT. EXITALYA
WHITE



EEP407
PICT. EXITALYA
MAN + UP ARROW



EEP408
PICT. EXITALYA
MAN + DOWN ARROW



EEP409
PICT. EXITALYA
MAN + SIDE ARROW

EXITALYA RECESSED



IP42 IK04

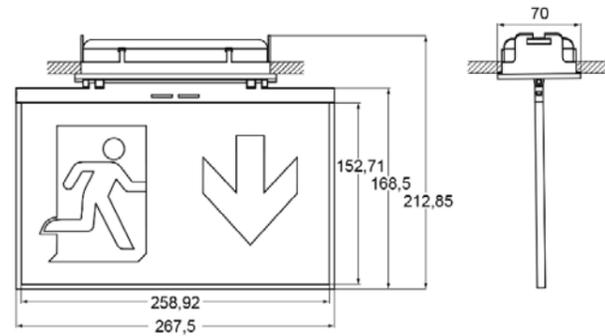


WARRANTY
5 YEAR

Installation

Wall	Surface	✗
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✓

Dimensions (mm)



Specification

- Body: Polycarbonate
- IP: IP42
- IK: IK04
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 6500 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2
- Beam angle: 25 m

Technical compliance

EN-300-220-1 EN-300-220-2 EN-303-446-1
EN-60598-1 EN-60598-2-22 EN-62034 EN-62386

Certifications



EXITALYA RECESSED

Range

Type*	Dur.	Battery	Part number
AutoTest	M 3 h	3.2V-1.5Ah LiFePO ₄	LYR3070LXP3
DALI2	M 3 h	3.2V-1.5Ah LiFePO ₄	LYR3070LAP3
Wireless SmartZ®	M 3 h	3.2V-1.5Ah LiFePO ₄	LYR3070LWP3
Wireless	M 3 h	3.2V-1.5Ah LiFePO ₄	LYR3070LDP3W



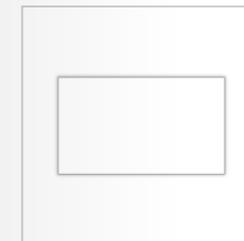
*M: Maintained.

Available colours



For black versión, add "N" at the end of de part number.

Accessories



EEP406
PICT. EXITALYA
WHITE



EEP407
PICT. EXITALYA
MAN + UP ARROW



EEP408
PICT. EXITALYA
MAN + DOWN ARROW



EEP409
PICT. EXITALYA
MAN + SIDE ARROW



EXITALYA MAXI RECESSED



IP42

IK04



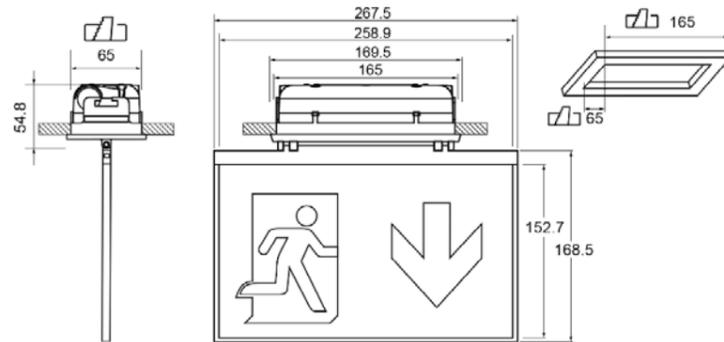
WARRANTY
5 YEAR

EVO10
WARRANTY
10 YEAR

— Installation —

Wall	Surface	✗
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✓

— Dimensions (mm) —



— Specification —

- Body: Polycarbonate, Recycled Polycarbonate
- IP IP42
- IK IK04
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K, 6500 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2
- 25 m

— Technical compliance —

EN-303-446-1 EN-60598-1 EN-60598-2-22
EN-62034 EN-62386

— Certifications —



EXITALYA MAXI RECESSED

— Range —

	Type*	Dur.	Battery	Part number
AutoTest	M	3 h	3.2V-1.5Ah LiFePO ₄	LYR5070LXP3
DALI	M	3 h	3.2V-1.5Ah LiFePO ₄	LYR5070LAP3
	M	3 h	3.2V-3.0Ah LiFePO ₄	LYRX5070LAP3
Wireless SmartZ®	M	3 h	3.2V-1.5Ah LiFePO ₄	LYR5070LWP3

EVO10
WARRANTY
10 YEAR

	Type*	Dur.	Battery	Part number
Wireless SmartZ®	M	3 h	3.2V-3.0Ah LiFePO ₄	LYRX5070LWP3



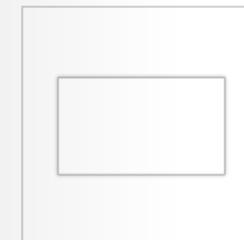
*M: Maintained.

— Available colours —

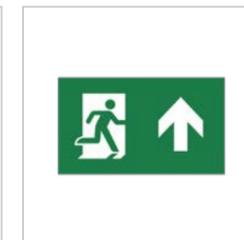


For black version, add "N" at the end of the part number.

— Accessories —



EEP406
PICT. EXITALYA
WHITE



EEP407
PICT. EXITALYA
MAN + UP ARROW



EEP408
PICT. EXITALYA
MAN + DOWN ARROW



EEP409
PICT. EXITALYA
MAN + SIDE ARROW

EXITALYA WITH DOWNLIGHT



IP42 IK04

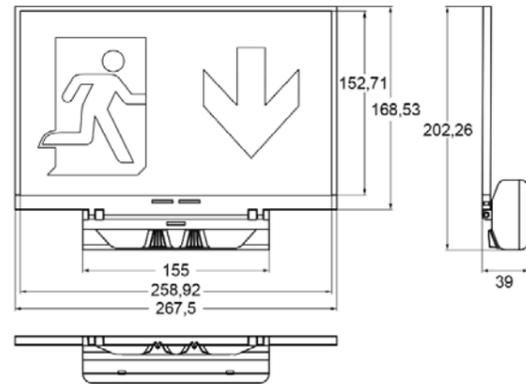


WARRANTY
5 YEAR

Installation

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✗

Dimensions (mm)



Specification

- Body: Polycarbonate
- IP: IP42
- IK: IK04
- Emergency: 120 lm
Mains: 70 lm
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 6500 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2
- 25 m

Technical compliance

EN-300-220-1 EN-300-220-2 EN-60598-1
EN-60598-2-22 EN-62034 EN-62386

Certifications



EXITALYA WITH DOWNLIGHT

Range

	Emergency	Mains	Type*	Dur.	Battery	Part number
AutoTest	120 lm	70 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYE3120LXP3
DALI	120 lm	70 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYE3120LAP3
Wireless	120 lm	70 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYE3120LDP3W

12

*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

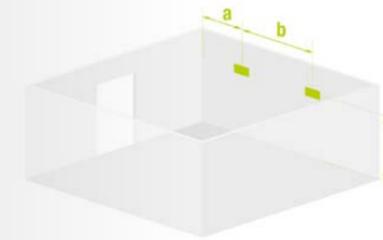
Available colours



For black version, add "N" at the end of the part number.

Spacing table

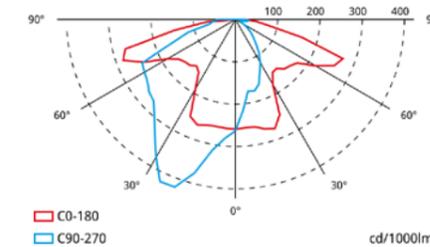
Calculated for reference LYE3120LXP3 (120 lm)



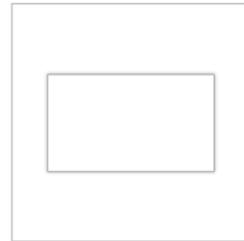
h	a	b
2.5 m	1,1 m	5,9 m
3 m	-	3,3 m
3.5 m	-	0,9 m
4 m	-	-
4.5 m	-	-

Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 1 lux over a 1 m wide evacuation path.

Photometric guide



— Accessories —



EEP406
PICT. EXITALYA
WHITE



EEP407
PICT. EXITALYA
MAN + UP ARROW



EEP408
PICT. EXITALYA
MAN + DOWN ARROW



EEP409
PICT. EXITALYA
MAN + SIDE ARROW



EEP410
PICT. EXITALYA
RED FIRE EXTINGUISHER



EEP411
PICT. EXITALYA
RED FIRE HOSE



EEP412
PICT. EXITALYA
RED PUSH BUTTON



EXITALYA MAXI with Downlight



IP42

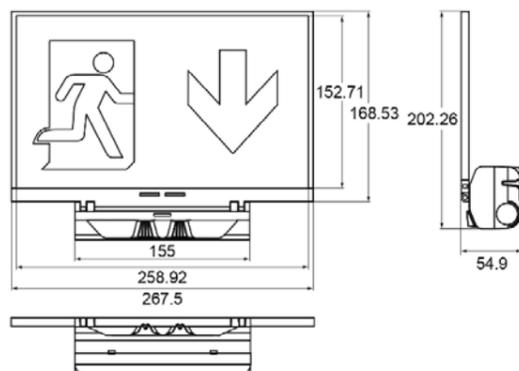
IK04



Installation

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✗

Dimensions (mm)



Specification

- Body: Polycarbonate, Recycled Polycarbonate
- IP IP42
- IK IK04
- Emergency: 65 ~ 120 lm
Mains: 40 ~ 70 lm
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 6500 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2
- Beam spread: 25 m

Technical compliance

EN-303-446-1 EN-60598-1 EN-60598-2-22
EN-62034 EN-62386

Certifications



EXITALYA MAXI with Downlight

Range

	Emergency	Mains	Type*	Dur.	Battery	Part number
AutoTest	120 lm	70 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYE5120LXP3
DALI	120 lm	70 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYE5120LAP3
Wireless SmartZ®	120 lm	70 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYE5120LWP3



	Emergency	Mains	Type*	Dur.	Battery	Part number
DALI	65 lm	40 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYEX5120LAP3
Wireless SmartZ®	65 lm		M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYEX5120LWP3



*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

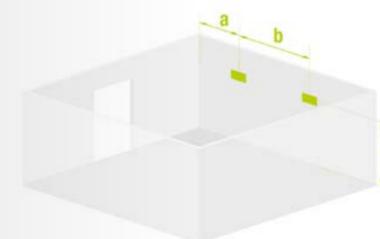
Available colours



For black versión, add "N" at the end of de part number.

Spacing table

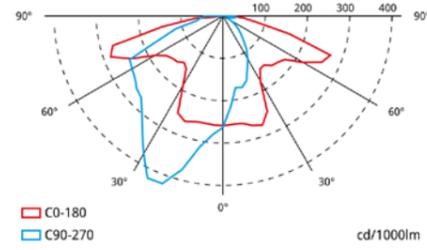
Calculated for reference LYE5120LXP3 (120 lm)



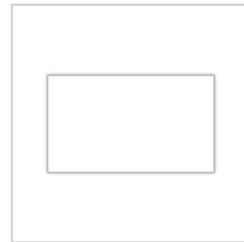
h	a	b
2.5 m	1,1 m	5,9 m
3 m	-	3,3 m
3.5 m	-	0,9 m
4 m	-	-
4.5 m	-	-

Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 1 lux over a 1 m wide evacuation path.

— Photometric guide —



— Accessories —



EEP406
PICT. EXITALYA
WHITE



EEP407
PICT. EXITALYA
MAN + UP ARROW



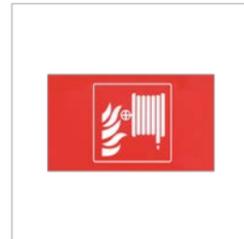
EEP408
PICT. EXITALYA
MAN + DOWN ARROW



EEP409
PICT. EXITALYA
MAN + SIDE ARROW



EEP410
PICT. EXITALYA
RED FIRE EXTINGUISHER



EEP411
PICT. EXITALYA
RED FIRE HOSE



EEP412
PICT. EXITALYA
RED PUSH BUTTON



EXITALYA DOWNLIGHT RED



IP42 IK04

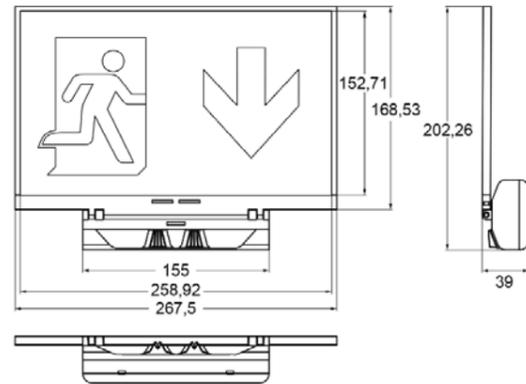


WARRANTY
5 YEAR

Installation

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✗

Dimensions (mm)



Specification

- Body: Polycarbonate
- IP IP42
- IK IK04
- Emergency: 120 lm
Mains: 70 lm
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- DALI2
- Beam angle: 25°

Technical compliance

EN-60598-1 EN-60598-2:22 EN-62034

Certifications



EXITALYA DOWNLIGHT RED

Range

	Emergency	Mains	Type*	Dur.	Battery	Part number
AutoTest	120 lm	70 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYE3125LXP3
DALI	120 lm	70 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYE3125LAP3

12

*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

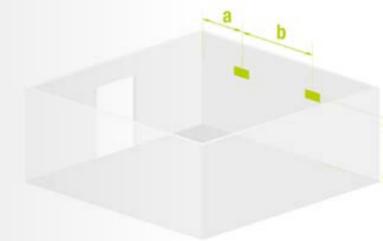
Available colours



For black versión, add "N" at the end of de part number.

Spacing table

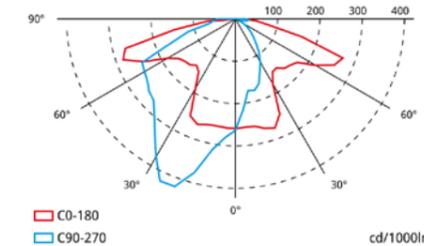
Calculated for reference LYE3125LXP3 (120 lm)



h	a	b
2.5 m	1,1 m	5,9 m
3 m	-	3,3 m
3.5 m	-	0,9 m
4 m	-	-
4.5 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 1 lux over a 1 m wide evacuation path.

Photometric guide



Accessories

EEP406 PICT. EXITALYA WHITE	EEP407 PICT. EXITALYA MAN + UP ARROW	EEP408 PICT. EXITALYA MAN + DOWN ARROW	EEP409 PICT. EXITALYA MAN + SIDE ARROW	EEP410 PICT. EXITALYA RED FIRE EXTINGUISHER

EXITALYA DOWNLIGHT RED



EEP411
PICT. EXITALYA
RED FIRE HOSE



EEP412
PICT. EXITALYA
RED PUSH BUTTON



EXITALYA MAXI DOWNLIGHT RED



IP42

IK04



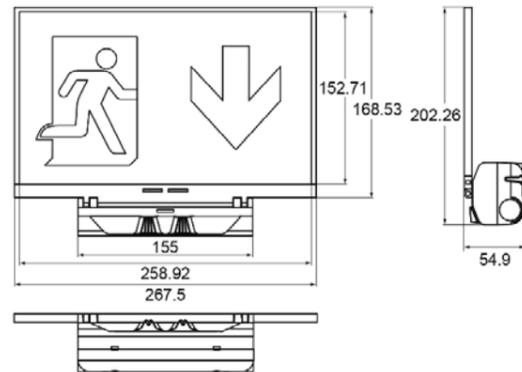
WARRANTY
5 YEAR

EVO10
WARRANTY
10 YEAR

Installation

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✗

Dimensions (mm)



Specification

- Body: Polycarbonate, Recycled Polycarbonate
- IP IP42
- IK IK04
- Emergency: 65 ~ 120 lm
Mains: 70 lm
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 6500 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2
- Beam angle: 25°

Technical compliance

EN-303-446-1 EN-60598-1 EN-60598-2-22
EN-62034 EN-62386

Certifications



EXITALYA MAXI DOWNLIGHT RED

Range

	Emergency	Mains	Type*	Dur.	Battery	Part number
AutoTest	120 lm	70 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYE5125LXP3
DALI	120 lm	70 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYE5125LAP3
Wireless SmartZ®	120 lm	70 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LYE5125LWP3

EVO10
WARRANTY
10 YEAR

	Emergency	Mains	Type*	Dur.	Battery	Part number
DALI	65 lm		M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYEX5125LAP3
Wireless SmartZ®	65 lm		M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LYEX5125LWP3

12

*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

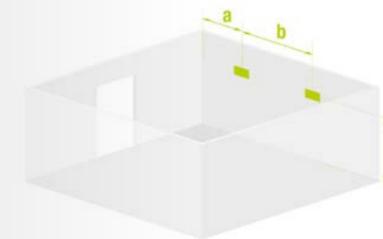
Available colours



For black versión, add "N" at the end of de part number.

Spacing table

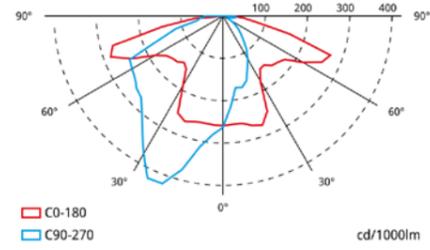
Calculated for reference LYE5125LXP3 (120 lm)



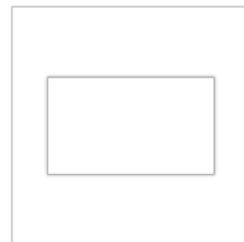
h	a	b
2.5 m	1,1 m	5,9 m
3 m	-	3,3 m
3.5 m	-	0,9 m
4 m	-	-
4.5 m	-	-

Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 1 lux over a 1 m wide evacuation path.

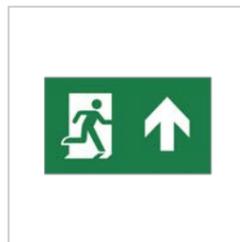
— Photometric guide —



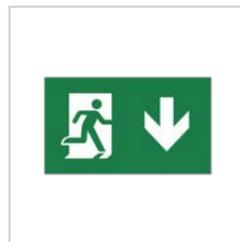
— Accessories —



EEP406
PICT. EXITALYA
WHITE



EEP407
PICT. EXITALYA
MAN + UP ARROW



EEP408
PICT. EXITALYA
MAN + DOWN ARROW



EEP409
PICT. EXITALYA
MAN + SIDE ARROW



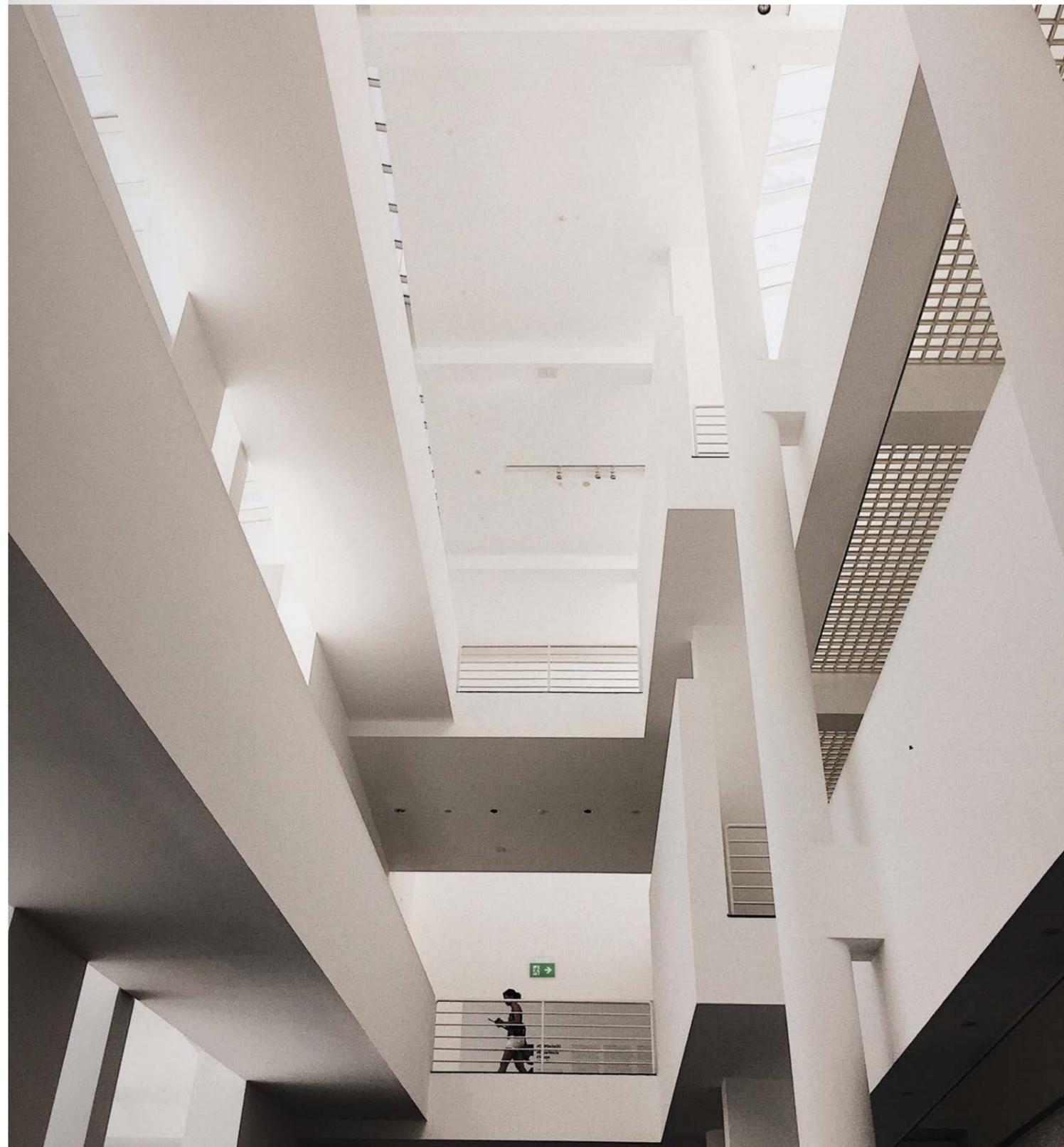
EEP410
PICT. EXITALYA
RED FIRE EXTINGUISHER

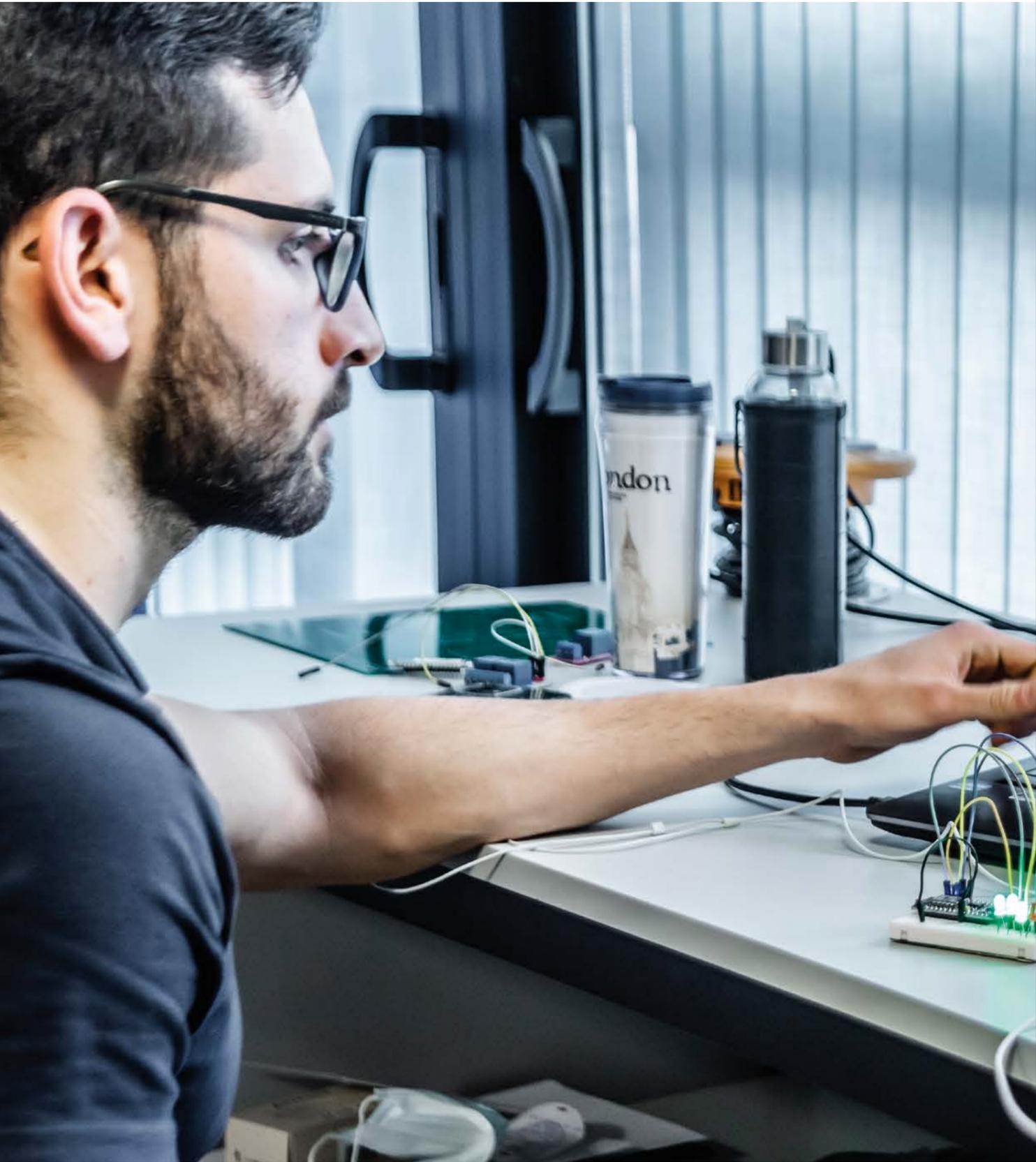


EEP411
PICT. EXITALYA
RED FIRE HOSE

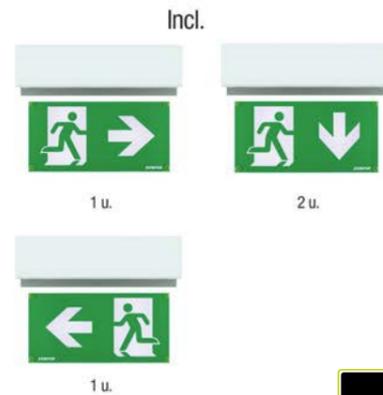


EEP412
PICT. EXITALYA
RED PUSH BUTTON





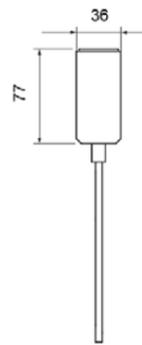
IP42 IK04



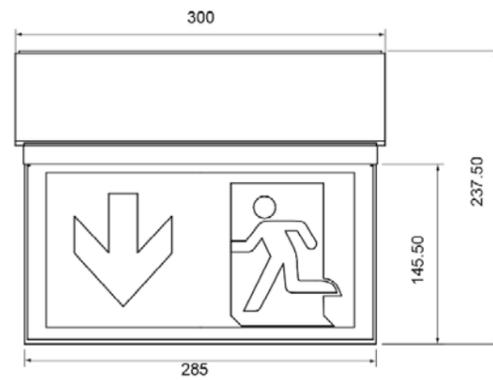
WARRANTY
5 YEAR

Installation

Wall	Surface	✓
	Recessed	✗
	Flag	✓
Ceiling	Surface	✓
	Recessed	✗
	Suspended	✓



Dimensions (mm)



Specification

- Body: Polycarbonate
- IP IP42
- IK IK04
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- 26 m

Technical compliance

EN-300-220-1 EN-300-220-2 EN-60598-1
EN-60598-2-22 EN-62034

Certifications



Range

Type*	Dur.	Battery	Part number
AutoTest	M 3 h	3.2V-1.5Ah LiFePO ₄	LKS3070LXP3
Wireless	M 3 h	3.2V-1.5Ah LiFePO ₄	LKS3070LDP3W



*M: Maintained.

Accessories



AKS200
ACC. SUSPENSION KONS



EEP032
PICT. KONS ZEMPER
MAN + RIGHT ARROW



EEP033
PICT. KONS ZEMPER
MAN + LEFT ARROW



SPAZIO SIGN

IP42 IK04

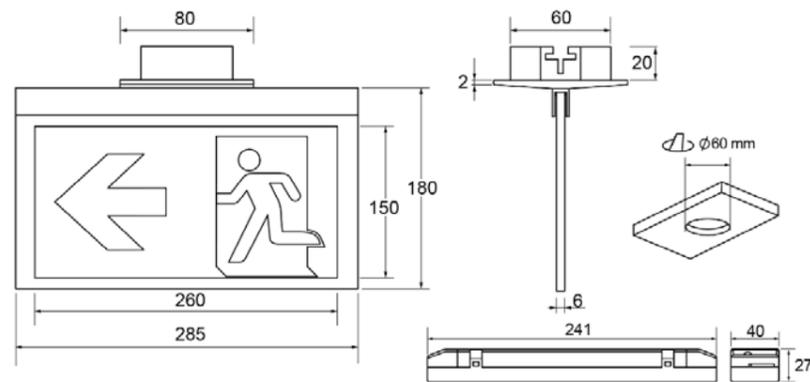


WARRANTY
5 YEAR

Installation

Wall	Surface	✗
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✓

Dimensions (mm)



Specification

- Body: Polycarbonate
- IP: IP42
- IK: IK04
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Beam angle: 26 m

Technical compliance

EN-60598-1 EN-60598-2:22 EN-62034

Certifications



SPAZIO SIGN

Range

Type*	Pictogram	Dur.	Battery	Part number
M/NM	↔	3 h	3.2V-1.5Ah LiFePO ₄	LSS3045LXP3
M/NM	↑ ↓	3 h	3.2V-1.5Ah LiFePO ₄	LSS3046LXP3
M/NM	↑ ↓	3 h	3.2V-1.5Ah LiFePO ₄	LSS3047LXP3



*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.



SPACE





IP44 IK04

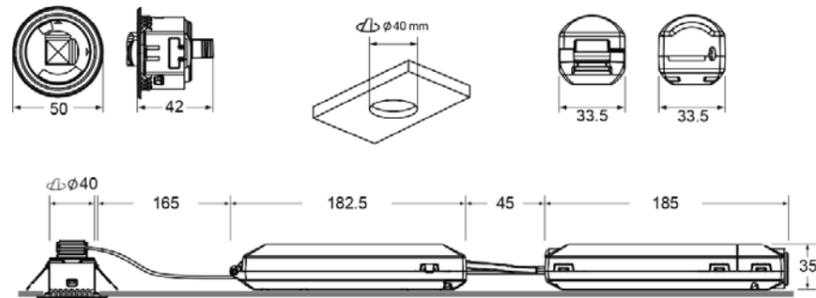


EV010
WARRANTY
10
YEAR

— Installation —

Wall	Surface	✗
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✓

— Dimensions (mm) —



— Specification —

- Body: Recycled Polycarbonate
- IP IP44
- IK IK04
- Im Emergency: 285 ~ 420 lm
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

— Technical compliance —

EN-303-446-1 EN-60598-1 EN-60598-2-22
EN-62034 EN-62386

— Certifications —



— Range —

EV010
WARRANTY
10
YEAR

AutoTest



Wireless SmartZ®

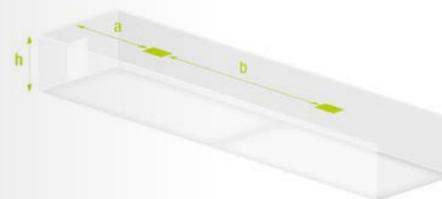
Emergency	Type*	Lens	Dur.	Battery	Part number
285 lm	NM	Escape Route	3 h	6.4V-3.0Ah LiFePO ₄	LSLX3251LX3
300 lm	NM	Narrow	3 h	6.4V-3.0Ah LiFePO ₄	LSLX3304LX3
320 lm	NM	Antipanic	3 h	6.4V-3.0Ah LiFePO ₄	LSLX3300LX3
370 lm	NM	Escape Route +	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3402LX3
380 lm	NM	Corner	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3403LX3
400 lm	NM	Narrow	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3404LX3
420 lm	NM	Antipanic	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3400LX3
285 lm	NM	Escape Route	3 h	6.4V-3.0Ah LiFePO ₄	LSLX3251LA3
300 lm	NM	Narrow	3 h	6.4V-3.0Ah LiFePO ₄	LSLX3304LA3
320 lm	NM	Antipanic	3 h	6.4V-3.0Ah LiFePO ₄	LSLX3300LA3
370 lm	NM	Escape Route +	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3402LA3
380 lm	NM	Corner	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3403LA3
400 lm	NM	Narrow	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3404LA3
420 lm	NM	Antipanic	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3400LA3
285 lm	NM	Escape Route	3 h	6.4V-3.0Ah LiFePO ₄	LSLX3251LW3
300 lm	NM	Narrow	3 h	6.4V-3.0Ah LiFePO ₄	LSLX3304LW3
320 lm	NM	Antipanic	3 h	6.4V-3.0Ah LiFePO ₄	LSLX3300LW3
370 lm	NM	Escape Route +	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3402LW3
380 lm	NM	Corner	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3403LW3
400 lm	NM	Narrow	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3404LW3
420 lm	NM	Antipanic	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3400LW3

15

*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.

— Spacing table —

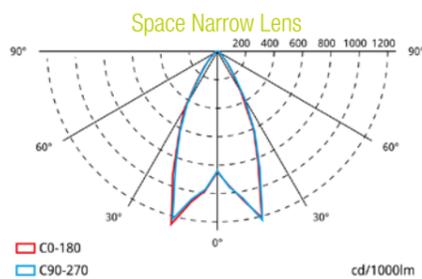
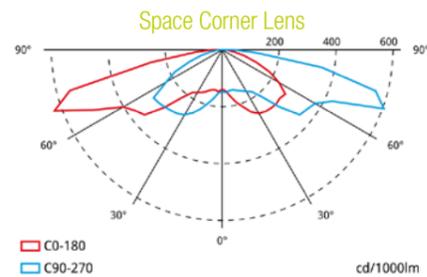
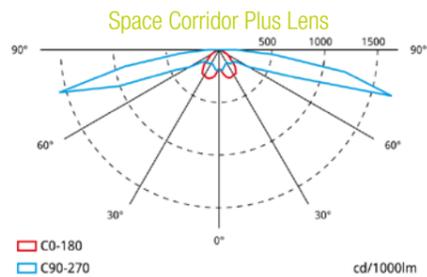
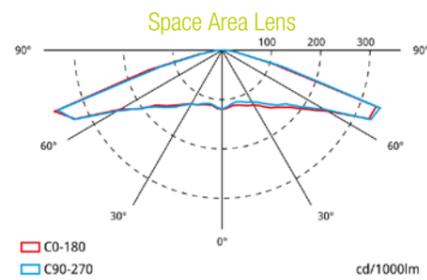
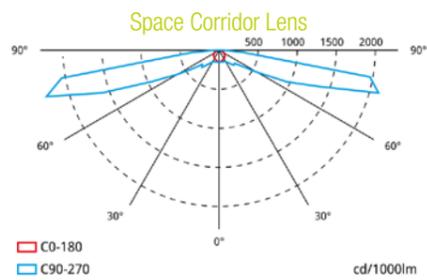
Calculated for reference LSLX3402LX3 (370 lm)



h	a	b
2 m	8,6 m	21,0 m
2.5 m	9,7 m	23,5 m
3 m	7,7 m	26,0 m
4 m	4,5 m	24,5 m
5 m	4,1 m	17,0 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.

— Photometric guide —



5 LENS OPTIONS:

AREA



The open area optic is designed to provide sufficient illumination in open spaces, allowing you to safely reach the nearest escape route.

CORRIDOR



The corridor optic provides 1 lux illumination along evacuation routes, with spacings of up to 23 meters, enabling safe and efficient evacuation of occupants.

CORRIDOR+



The Corridor+ optic provides the same escape route lighting as the standard corridor optic, while adding accent lighting to meet minimum illumination requirements.

NARROW



The Narrow Optic focuses light on critical areas or high-risk tasks, ensuring safe equipment shutdown and optimal visibility of safety or firefighting equipment.

CORNER



The corner optic is designed for changes in direction of escape routes, providing illumination ensuring safe passage.

SPACING TABLE

Spacing table calculated with 1 lux minimum illuminance



Height (H)	Spacing Data (d)	
	320 lm	420 lm
2.5 m	14.7 m	15.5 m
3 m	16.2 m	17.4 m
4 m	16.6 m	19.3 m
5 m	14.3 m	17.9 m
6 m	12.2 m	15.7 m



Height (H)	Spacing Data (d)	
	280 lm	
2.5 m	27.8 m	
3 m	29.6 m	
4 m	32.8 m	
5 m	33.7 m	
6 m	24.8 m	



Height (H)	Spacing Data (d)	
	380 lm	
2.5 m	25.7 m	
3 m	28.0 m	
4 m	32.0 m	
5 m	26.4 m	
6 m	13.9 m	



Height (H)	Spacing Data (d)	
	300 lm	420 lm
2.5 m	9.1 m	9.7 m
3 m	10.8 m	11.7 m
4 m	12.3 m	13.3 m
5 m	13.7 m	14.8 m
6 m	14.7 m	16.2 m

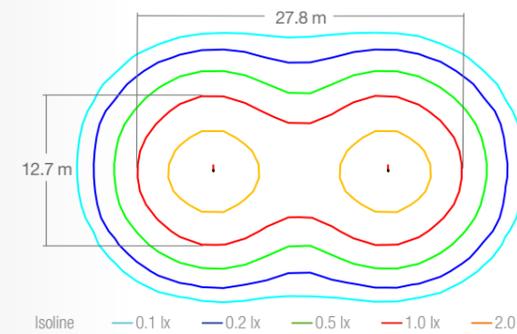


Height (H)	Spacing Data (d)	
	400 lm	
2.5 m	16.4 m	
3 m	17.6 m	
4 m	18.1 m	
5 m	19.0 m	
6 m	19.6 m	

ISOLUX CURVE

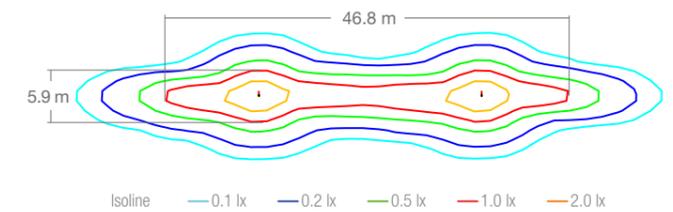
AREA

320 lm luminaire placed at 3 m height



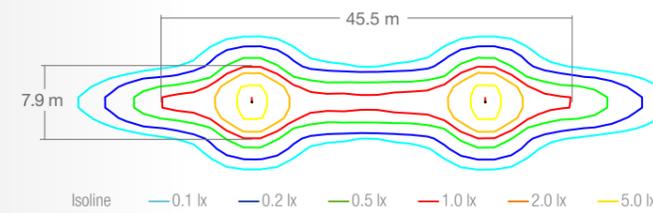
CORRIDOR

280 lm luminaire placed at 3 m height



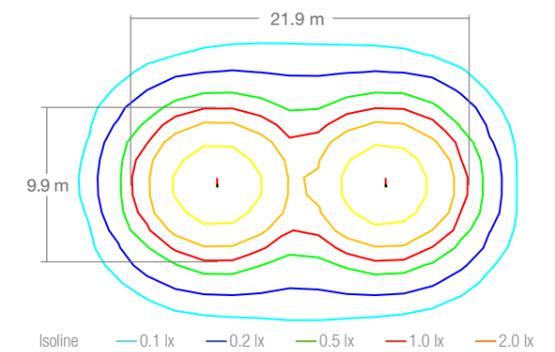
CORRIDOR+

380 lm luminaire placed at 3 m height



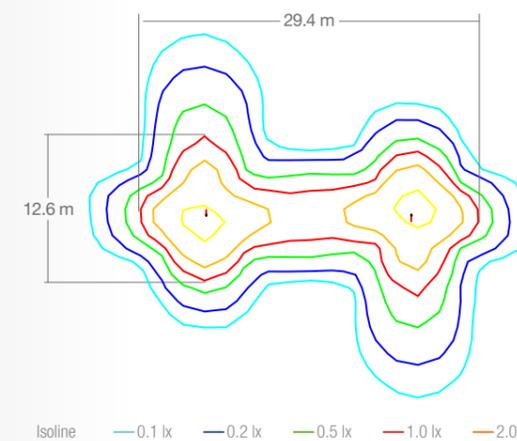
NARROW

420 lm luminaire placed at 9 m height



CORNER

400 lm luminaire placed at 3 m height





IP44
(below ceiling)



IP65
with accessory ACE0065
(below ceiling)

ACE0065
IP65 accessory



Solutions.

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

AMAZING



Spazio



Spazio Power



Spazio Mini



Spazio Nano

real sizes

The **smallest** luminaire
we have
ever made

As powerful as any

SPAZIO POWER

IP44 IK04

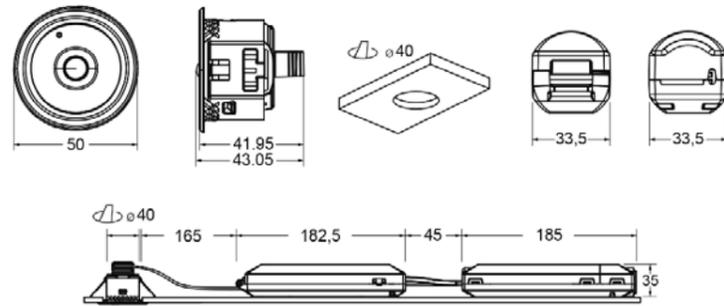


WARRANTY
5 YEAR

Installation

Wall	Surface	✗
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✓

Dimensions (mm)



Specification

- Body: Recycled Polycarbonate
- IP IP44
- IK IK04
- Im Emergency: 400 lm
- Battery: LiFePO₄
- Autonomy: 3 h
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

Technical compliance

EN-303-446-1 EN-60598-1 EN-60598-2-22
EN-62034 EN-62386

Certifications



SPAZIO POWER

Range

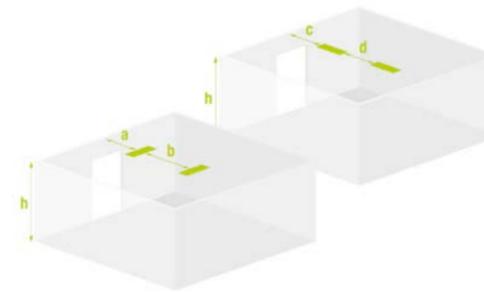
	Emergency	Type*	Lens	Dur.	Battery	Part number
AutoTest	400 lm	NM	Discrete Bezel	3 h	6.4V-1.5Ah LiFePO ₄	LSLX3405LX3
DALI2	400 lm	NM	Discrete Bezel	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3405LA3
Wireless SmartZ®	400 lm	NM	Discrete Bezel	3 h	6.4V-4.0Ah LiFePO ₄	LSLX3405LW3

15 / 18

*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.

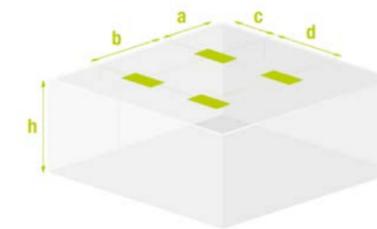
Spacing table

Calculated for reference LSLX3405LW3 (400 lm)



h	a	b	c	d
2 m	4,1 m	10,0 m	4,2 m	10,0 m
2.5 m	4,6 m	11,1 m	4,6 m	11,1 m
3 m	4,9 m	12,1 m	4,9 m	12,1 m
4 m	5,3 m	14,0 m	5,2 m	14,0 m
5 m	5,4 m	15,0 m	5,4 m	14,6 m

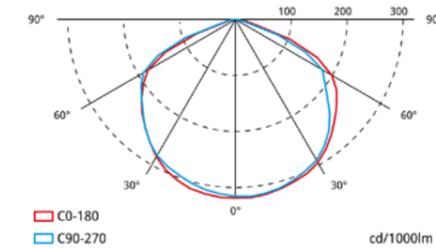
Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 1 lux over a 1 m wide evacuation path.



h	a	b	c	d
2 m	4,8 m	9,0 m	4,8 m	9,5 m
2.5 m	5,4 m	10,5 m	5,4 m	11,0 m
3 m	6,0 m	12,0 m	6,0 m	12,0 m
4 m	6,9 m	14,0 m	6,9 m	14,5 m
5 m	7,2 m	16,0 m	7,2 m	16,5 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 (anti-panic calculation).

Photometric guide



SPAZIO MINI



IP42 IK04

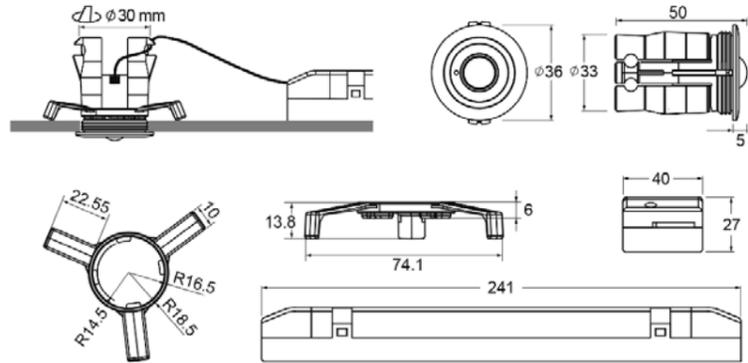


WARRANTY
5 YEAR

Installation

Wall	Surface	✗
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✓

Dimensions (mm)



Specification

- Body: Polycarbonate
- IP: IP42
- IK: IK04
- Emergency: 165 lm
- Mains: 100 lm
- Autonomy: 3 h
- Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED: Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

Technical compliance

EN-300-220-1 EN-300-220-2 EN-303-446-1
EN-60598-1 EN-60598-2-22 EN-62034 EN-62386

Certifications



SPAZIO MINI

Range

	Emergency	Mains	Type*	Lens	Dur.	Battery	Part number
AutoTest	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LMR9170LXP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LMR9171LXP3
DALI	165 lm		NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LMR9170LA3
	165 lm		NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LMR9171LA3
	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LMR9170LAP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LMR9171LAP3
Wireless SmartZ®	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LMR9170LWP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LMR9171LWP3
Wireless	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LMR9170LDP3W
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LMR9171LDP3W

15

*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.

Available colours



For black version, add "N" at the end of the part number.

Spacing table

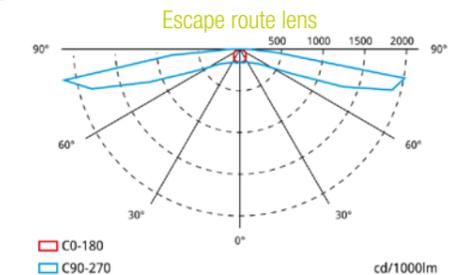
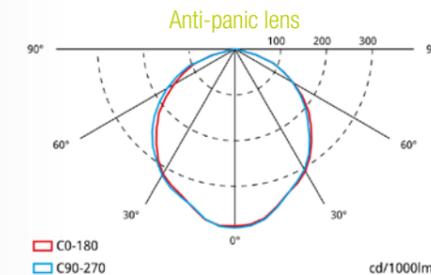
Calculated for reference LMR9171LXP3 (165 lm)



h	a	b
2 m	6,9 m	19,2 m
2.5 m	4,4 m	20,5 m
3 m	3,6 m	19,5 m
4 m	2,4 m	11,6 m
5 m	-	9,1 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.

Photometric guide



Emergency luminaire for suspended ceilings



SPAZIO NANO



IP42 IK04

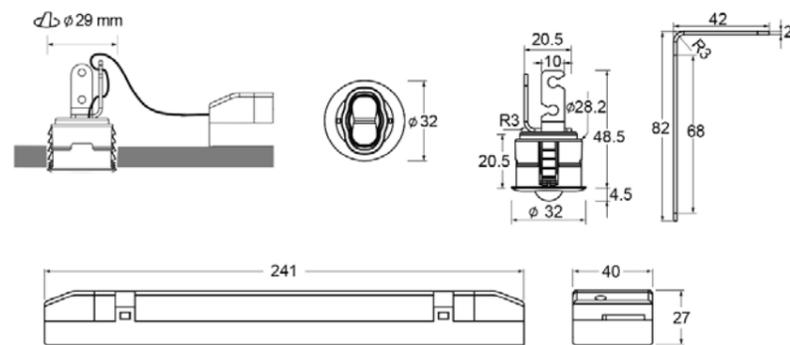


WARRANTY
5 YEAR

Installation

Wall	Surface	✗
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✓
	Slatted	✓

Dimensions (mm)



Specification

- Body: Polycarbonate
- IP: IP42
- IK: IK04
- Emergency: 165 lm
- Mains: 100 lm
- Autonomy: 3 h
- Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED: Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

Technical compliance

EN-300-220-1 EN-300-220-2 EN-303-446-1
EN-60598-1 EN-60598-2-22 EN-62034 EN-62386

Certifications



SPAZIO NANO

Range

	Emergency	Mains	Type*	Lens	Dur.	Battery	Part number
AutoTest	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LML9170LXP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LML9171LXP3
DALI	165 lm		NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LML9170LA3
	165 lm		NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LML9171LA3
Wireless SmartZ®	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LML9170LWP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LML9171LWP3
Wireless	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LML9170LDP3W
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LML9171LDP3W

15

*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.

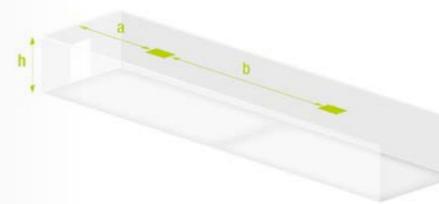
Available colours



For black version, add "N" at the end of the part number.

Spacing table

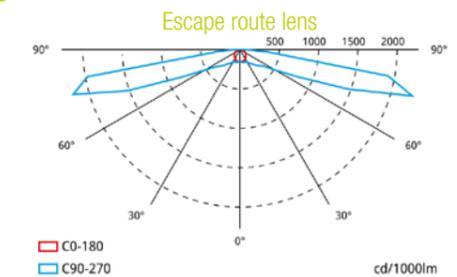
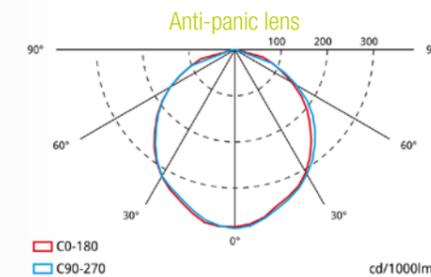
Calculated for reference LML9171LXP3 (165 lm)



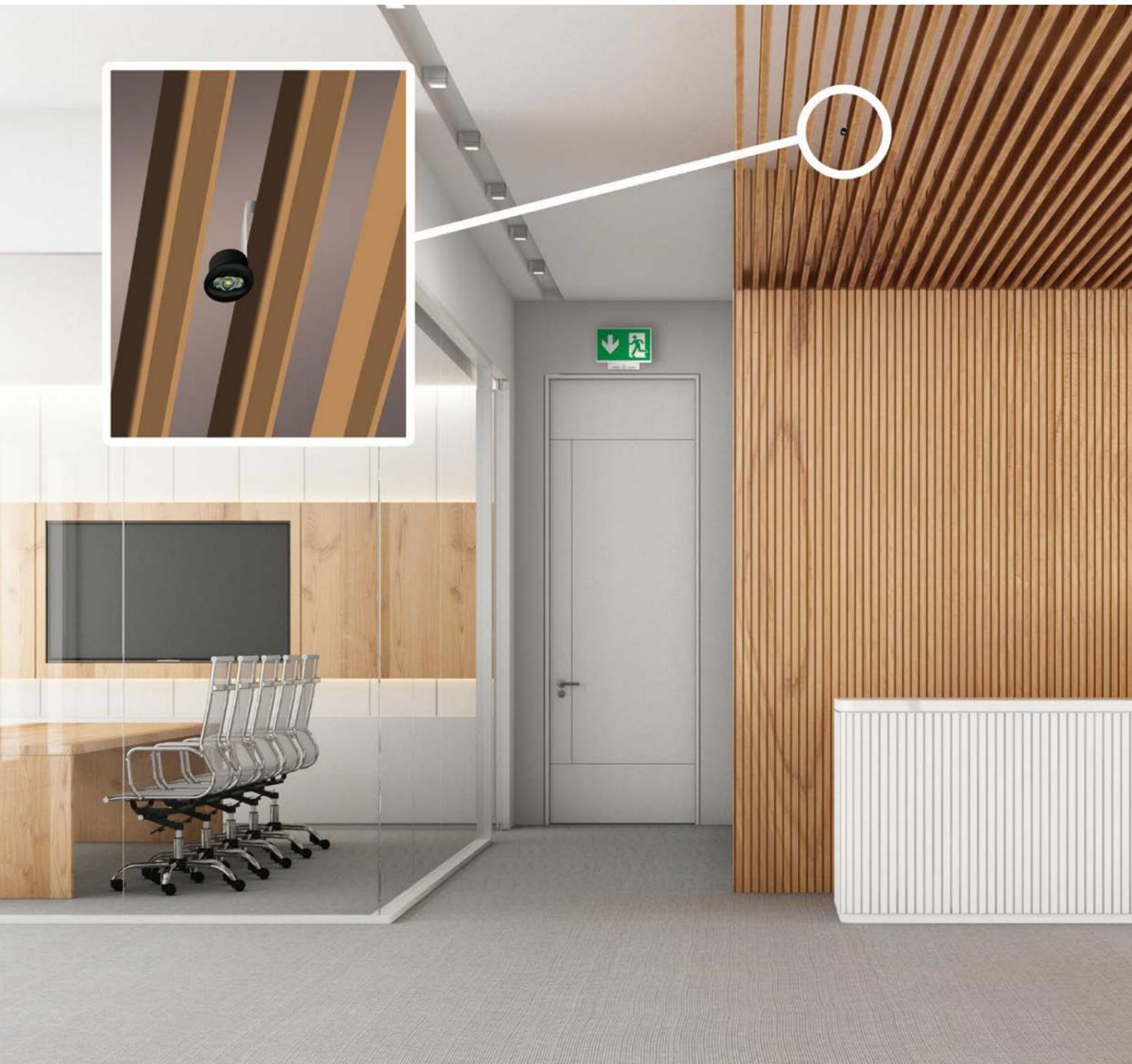
h	a	b
2 m	7,6 m	19,2 m
2.5 m	7,5 m	21,0 m
3 m	4,0 m	22,3 m
4 m	2,6 m	16,8 m
5 m	-	10,5 m

Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 1 lux over a 1 m wide evacuation path.

Photometric guide



Luminaire recommended for slatted ceilings



and for continuous luminaires
PERFECT INTEGRATION



SPAZIO R

IP42 IK04



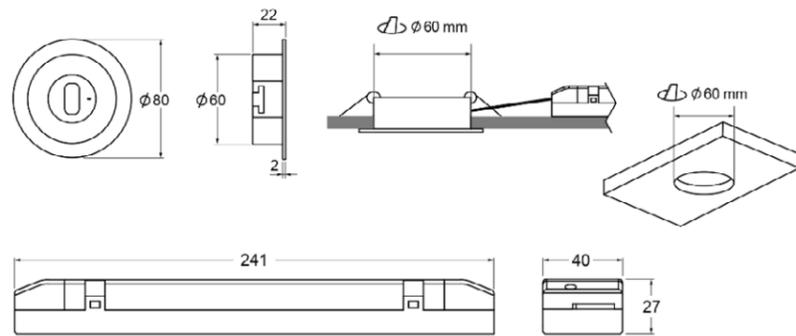
WARRANTY
2 YEAR

WARRANTY
5 YEAR

— Installation —

Wall	Surface	✗
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✓

— Dimensions (mm) —



— Specification —

- Body: Polycarbonate
- IP42
- IK04
- Emergency: 140 ~ 165 lm
Mains: 100 lm
- Autonomy: 3 h
Battery: LiFePO₄, Ni-Cd
- Charging time: 12 h, 24 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

— Technical compliance —

EN-300-220-1 EN-300-220-2 EN-303-446-1
EN-60598-1 EN-60598-2-22 EN-62034 EN-62386

— Certifications —



SPAZIO R

— Range —

	Emergency	Mains	Type*	Lens	Dur.	Battery	Part number
Standard	140 lm		NM	Antipanic	3 h	3.6V-1.6Ah Ni-Cd	LSR3150C3
	140 lm		NM	Escape Route	3 h	3.6V-1.6Ah Ni-Cd	LSR3151C3
AutoTest	165 lm		NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSR3170LX3
	165 lm		NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSR3171LX3
	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSR3170LXP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSR3171LXP3
	165 lm		NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSR9170LA3
	165 lm		NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSR9171LA3
	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSR9170LAP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSR9171LAP3
Wireless SmartZ®	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSR9170LWP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSR9171LWP3
Wireless	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSR9170LDP3W
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSR9171LDP3W



*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.

— Available colours —

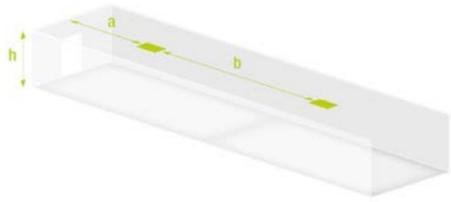


For black version, add "N" at the end of the part number.



— Spacing table —

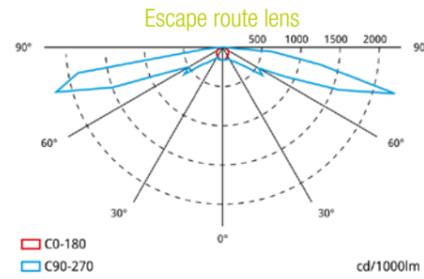
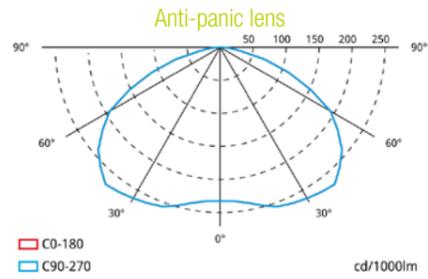
Calculated for reference LSR3171LX3 (165 lm)



h	a	b
2 m	7,6 m	18,5 m
2.5 m	5,1 m	20,7 m
3 m	4,7 m	20,0 m
4 m	1,8 m	14,7 m
5 m	-	10,9 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.

— Photometric guide —



— Accessories —



ABX5441
ACC. PANEL REC. SPAZIO
PRINTING-LEFT SINGLE-SIDED



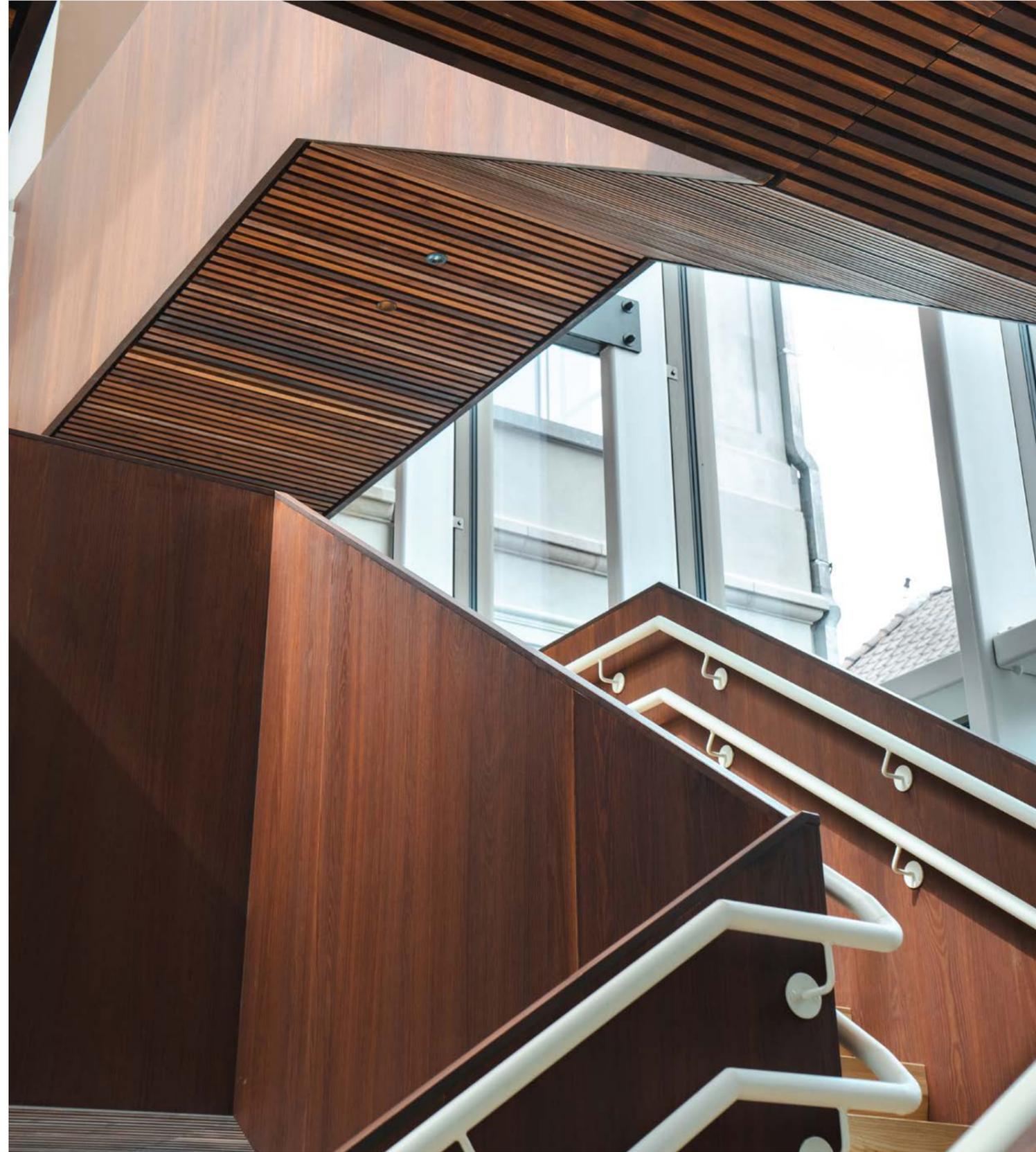
ABX5541
ACC. PANEL REC. SPAZIO
PRINTING-RIGHT SINGLE-SIDED



ABX5741
ACC. PANEL REC. SPAZIO
PRINTING-DOWN SINGLE-SIDED



ABX5841
ACC. PANEL REC. SPAZIO
PRINTING-UP SINGLE-SIDED



SPAZIO Q

IP42 IK04



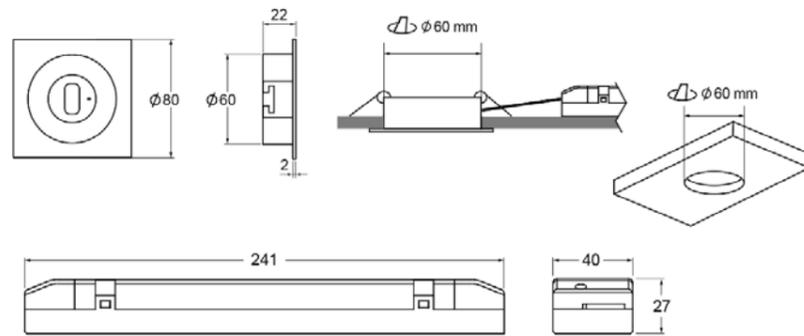
WARRANTY
2 YEAR

WARRANTY
5 YEAR

— Installation —

Wall	Surface	✗
	Recessed	✗
Ceiling	Surface	✗
	Recessed	✓

— Dimensions (mm) —



— Specification —

- Body: Polycarbonate
- IP IP42
- IK IK04
- Emergency: 140 ~ 165 lm
Mains: 100 lm
- Autonomy: 3 h
Battery: LiFePO₄, Ni-Cd
- Charging time: 12 h, 24 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

— Technical compliance —

EN-303-446-1 EN-60598-1 EN-60598-2-22
EN-62034 EN-62386

— Certifications —



SPAZIO Q

— Range —

	Emergency	Mains	Type*	Lens	Dur.	Battery	Part number
Standard	140 lm		NM	Antipanic	3 h	3.6V-1.6Ah Ni-Cd	LSQ3150C3
	165 lm		NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSQ3170LX3
	165 lm		NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSQ3171LX3
AutoTest	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSQ3170LXP3
	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSQ9170LDP3W
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSQ3171LXP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSQ9171LDP3W
DALI	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSQ9170LAP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSQ9171LAP3
Wireless SmartZ®	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSQ9170LWP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSQ9171LWP3

12 / 18

*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.

— Available colours —



For black version, add "N" at the end of the part number.

— Spacing table —

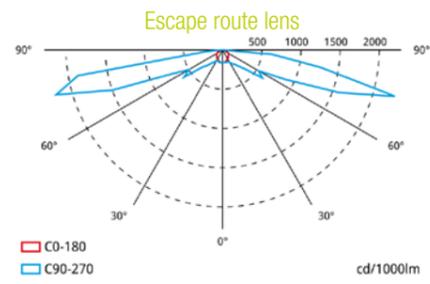
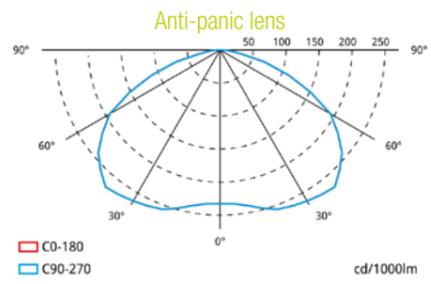
Calculated for reference LSQ3171LX3 (165 lm)



h	a	b
2 m	7,6 m	18,5 m
2.5 m	5,1 m	20,7 m
3 m	4,7 m	20,0 m
4 m	1,8 m	14,7 m
5 m	-	10,9 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.

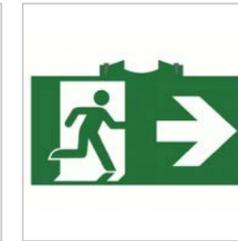
— Photometric guide —



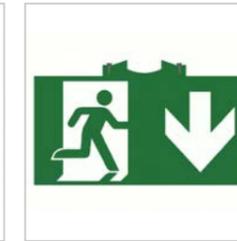
— Accessories —



ABX5441
ACC. PANEL REC. SPAZIO
PRINTING-LEFT SINGLE-SIDED



ABX5541
ACC. PANEL REC. SPAZIO
PRINTING-RIGHT SINGLE-SIDED



ABX5741
ACC. PANEL REC. SPAZIO
PRINTING-DOWN SINGLE-SIDED



ABX5841
ACC. PANEL REC. SPAZIO
PRINTING-UP SINGLE-SIDED



SPAZIO ON



IP42 IK04

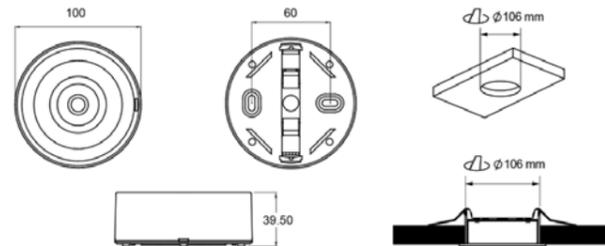


WARRANTY 5 YEAR
EVOIO WARRANTY 10 YEAR

— Installation —

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✓
	Recessed	✓

— Dimensions (mm) —



— Specification —

- Body: Polycarbonate, Recycled Polycarbonate
- IP IP42
- IK IK04
- Emergency: 95 ~ 165 lm
Mains: 100 lm
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

— Technical compliance —

EN-300-220-1 EN-300-220-2 EN-303-446-1
EN-60598-1 EN-60598-2-22 EN-62034 EN-62386

— Certifications —



SPAZIO ON

— Range —

	Emergency	Mains	Type*	Lens	Dur.	Battery	Part number
AutoTest	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSM3170LXP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSM3171LXP3
	165 lm	100 lm	M/NM	Wall Asymmetric	3 h	3.2V-1.8Ah LiFePO ₄	LSM3172LXP3
DALI	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSM3170LAP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSM3171LAP3
	165 lm	100 lm	M/NM	Wall Asymmetric	3 h	3.2V-1.8Ah LiFePO ₄	LSM3172LAP3
Wireless SmartZ®	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSM3170LWP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSM3171LWP3
	165 lm	100 lm	M/NM	Wall Asymmetric	3 h	3.2V-1.8Ah LiFePO ₄	LSM3172LWP3
Wireless	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSM3170LDP3W
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSM3171LDP3W
	165 lm	100 lm	M/NM	Wall Asymmetric	3 h	3.2V-1.8Ah LiFePO ₄	LSM3172LDP3W

WARRANTY 10 YEAR

	Emergency	Mains	Type*	Lens	Dur.	Battery	Part number
DALI	95 lm		NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSMX3100LA3
	95 lm		NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSMX3101LA3
	95 lm		NM	Wall Asymmetric	3 h	3.2V-1.8Ah LiFePO ₄	LSMX3102LA3
Wireless SmartZ®	95 lm		NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSMX3100LW3
	95 lm		NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSMX3101LW3
	95 lm		NM	Wall Asymmetric	3 h	3.2V-1.8Ah LiFePO ₄	LSMX3102LW3

12

*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.

— Available colours —



For black version, add "N" at the end of the part number.



— Spacing table —

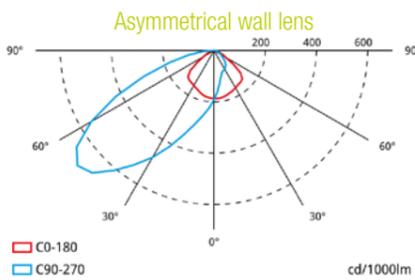
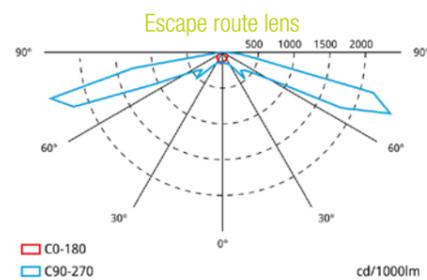
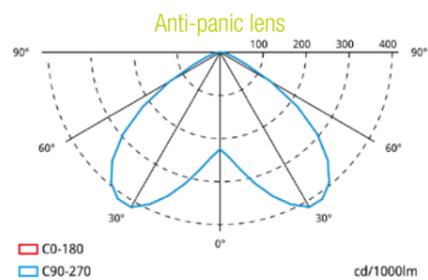
Calculated for reference LSM3171LXP3 (165 lm)



h	a	b
2 m	7,5 m	17,7 m
2.5 m	8,3 m	20,5 m
3 m	8,8 m	22,7 m
4 m	3,9 m	20,2 m
5 m	-	12,8 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.

— Photometric guide —



— Accessories —



ALC0011
ACC. REC. SPAZIO LUZ
WHITE



ALE0065
ACC. HOUSING IP65 SPAZIO LUZ
WHITE



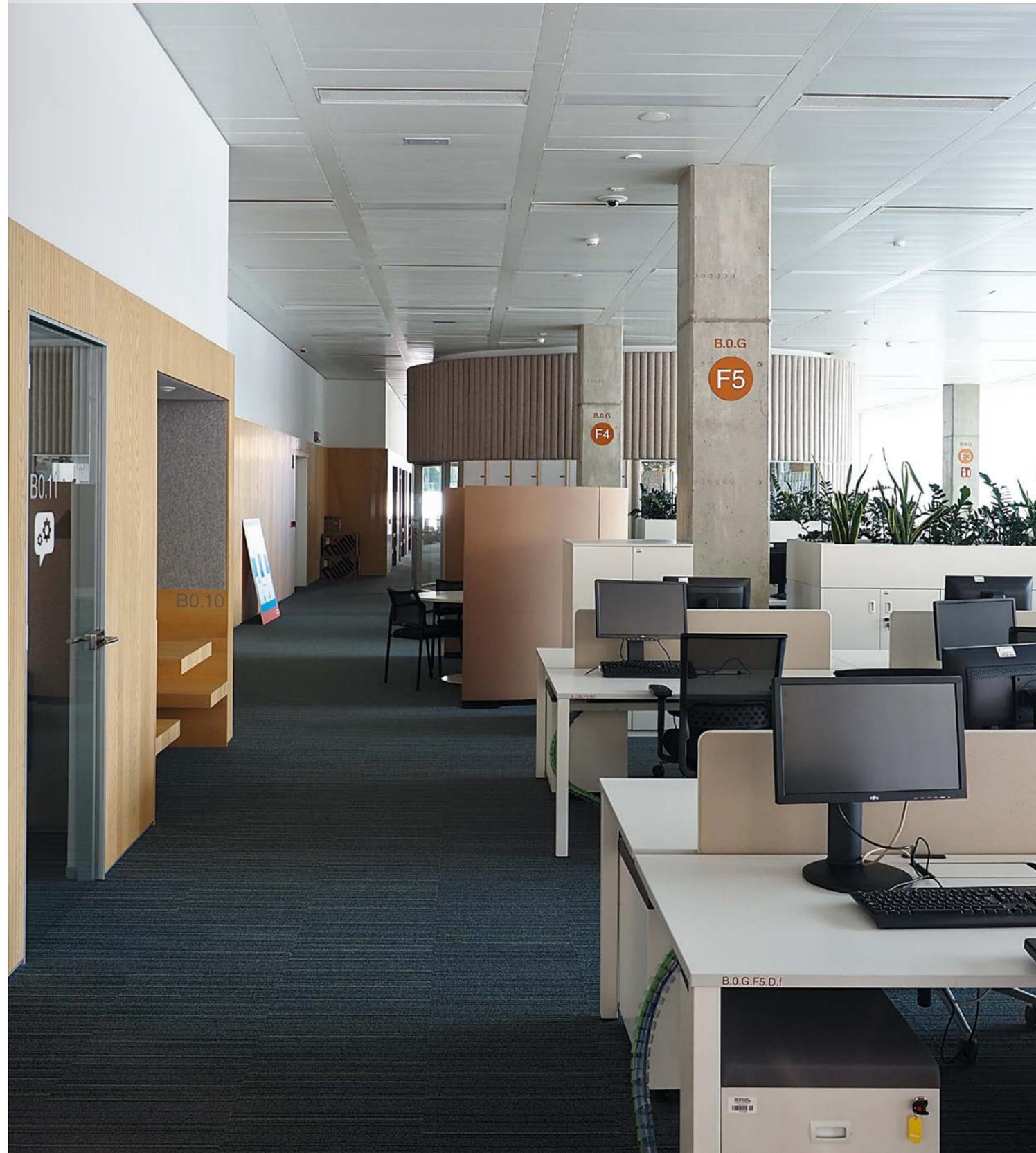
ALP0012
ACC. ASIMET. LENS SPAZIO PLUS
WHITE



ALQ0011
ACC. REC. SPAZIO LUZ
WHITE



ALX0011
ACC. PANEL REC. SPAZIO LUZ
WHITE



SPAZIO PLUS



IP20

IP42

IK04

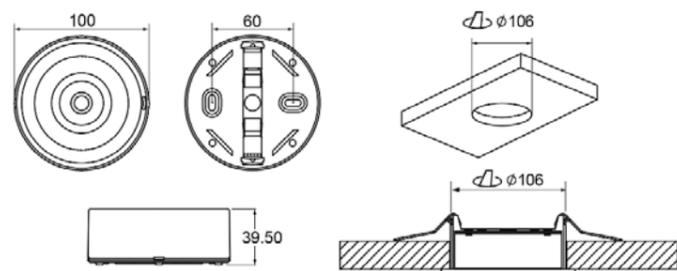


WARRANTY
5
YEAR

— Installation —

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✓
	Recessed	✓

— Dimensions (mm) —



— Specification —

- Body: Polycarbonate
- IP: IP20, IP42
- IK: IK04
- Emergency: 165 lm
- Mains: 100 lm
- Autonomy: 3 h
- Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED: Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

— Technical compliance —

EN-300-220-1 EN-300-220-2 EN-303-446-1
EN-60598-1 EN-60598-2-22 EN-62034 EN-62386

— Certifications —



SPAZIO PLUS

— Range —

	Emergency	Mains	Type*	Lens	Dur.	Battery	Part number
AutoTest	165 lm	100 lm	M/NM	Anti-panic and Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSP3175LXP3
	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSP3170LXP3
	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSP3171LXP3
DALI	165 lm	100 lm	M/NM	Wall Asymmetric	3 h	3.2V-1.8Ah LiFePO ₄	LSP3172LXP3
	165 lm	100 lm	M/NM	Anti-panic and Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSP3175LAP3
Wireless SmartZ®	165 lm	100 lm	M/NM	Anti-panic and Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSP3175LWP3
	165 lm	100 lm	M/NM	Antipanic	3 h	3.2V-1.8Ah LiFePO ₄	LSP3170LDP3W
Wireless	165 lm	100 lm	M/NM	Escape Route	3 h	3.2V-1.8Ah LiFePO ₄	LSP3171LDP3W
	165 lm	100 lm	M/NM	Wall Asymmetric	3 h	3.2V-1.8Ah LiFePO ₄	LSP3172LDP3W



*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.

— Available colours —



For black version, add "N" at the end of the part number.

— Spacing table —

Calculated for reference LSP3171LXP3 (165 lm)

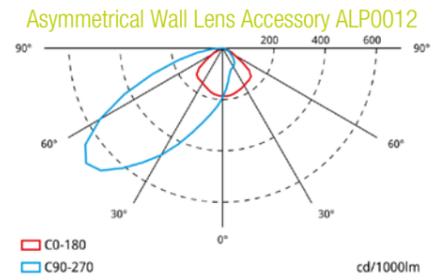
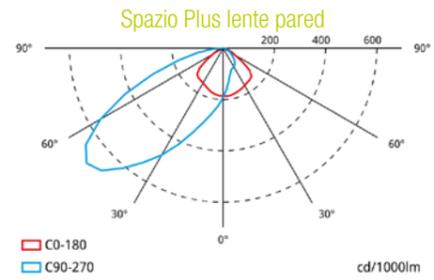
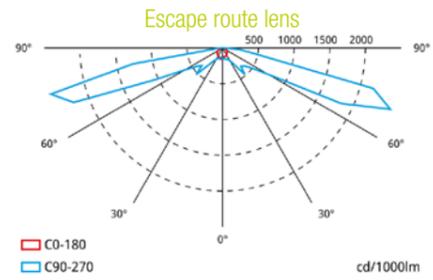
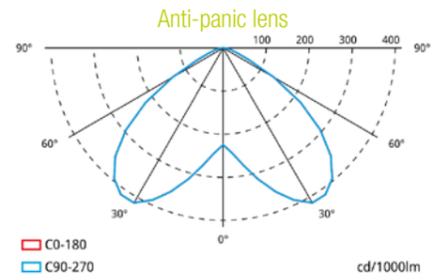


h	a	b
2 m	7,5 m	17,7 m
2.5 m	8,3 m	20,5 m
3 m	8,8 m	22,7 m
4 m	3,9 m	20,2 m
5 m	-	12,8 m

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.



— Photometric guide —



— Accessories —



ALC0011
ACC. REC. SPAZIO LUZ
WHITE



ALE0065
ACC. HOUSING IP65 SPAZIO LUZ
WHITE



ALP0012
ACC. ASIMET. LENS SPAZIO PLUS
WHITE



ALQ0011
ACC. REC. SPAZIO LUZ
WHITE



ALX0011
ACC. PANEL REC. SPAZIO LUZ
WHITE

ACCESSORIES
INTERCHANGEABLE LENS



SPAZIO LUZ



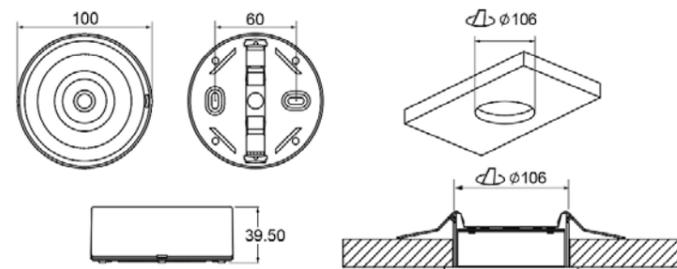
IP42 IK04



— Installation —

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✓
	Recessed	✓

— Dimensions (mm) —



— Specification —

- Body: Polycarbonate, Recycled Polycarbonate
- IP: IP42
- IK: IK04
- Im: Emergency: 120 ~ 170 lm
Mains: 90 ~ 100 lm
- Battery: LiFePO₄
- Autonomy: 3 h
- Charging time: 12 h

- Supply: 230V 50Hz
- LED: Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

— Technical compliance —

EN-300-220-1 EN-300-220-2 EN-303-446-1
EN-60598-1 EN-60598-2-22 EN-62034 EN-62386

— Certifications —



SPAZIO LUZ

— Range —

	Emergency	Mains	Type*	Dur.	Battery	Part number
Standard	170 lm	100 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LUZ4150LCP3
AutoTest	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LUZ3150LXP3
	150 lm	95 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LUZ4150LXP3
DALI2 Wireless SmartZ®	150 lm	95 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LUZ4150LAP3
	150 lm	95 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LUZ4150LWP3
Wireless	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LUZ3150LDP3W
	150 lm	95 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LUZ4150LDP3W



	Emergency	Mains	Type*	Dur.	Battery	Part number
DALI2 Wireless SmartZ®	120 lm		NM	3 h	3.2V-1.8Ah LiFePO ₄	LUZX4150LA3
	120 lm		NM	3 h	3.2V-1.8Ah LiFePO ₄	LUZX4150LW3



*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.

— Available colours —

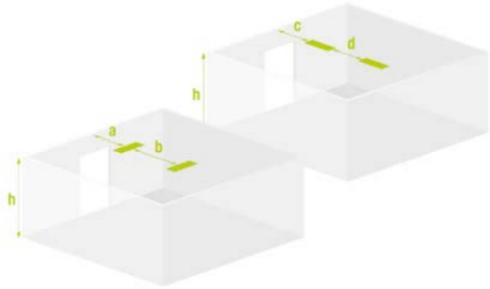


For black version, add "N" at the end of de part number.



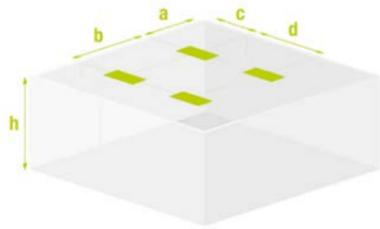
— Spacing table —

Calculated for reference LUZ3150LXP3 (150 lm)



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

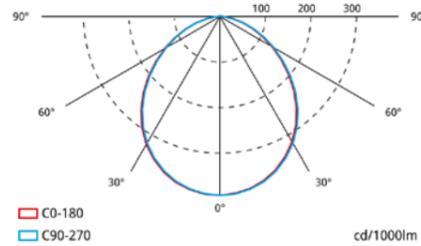
Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 1 lux over a 1 m wide evacuation path.



h	a	b	c	d
2 m	3,3 m	7,0 m	3,3 m	7,5 m
2.5 m	3,6 m	8,0 m	3,6 m	8,5 m
3 m	3,9 m	9,0 m	3,9 m	9,0 m
4 m	4,5 m	10,0 m	4,2 m	10,0 m
5 m	4,5 m	11,0 m	4,5 m	11,0 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 0.5 (anti-panic calculation).

— Photometric guide —



— Accessories —



ALC0011
ACC. REC. SPAZIO LUZ
WHITE



ALE0065
ACC. HOUSING IP65 SPAZIO LUZ
WHITE



ALQ0011
ACC. REC. SPAZIO LUZ
WHITE



ALX0011
ACC. PANEL REC. SPAZIO LUZ
WHITE

ACCESSORIES SPAZIO ON, PLUS AND LUZ



ALP0012
Asymmetric



ALQ0011
Square recessed frame



ALC0011
Round recessed frame



ALE0065
Kit IP65



ALB0011*
Ceiling signalling with
recessed round frame



ALX0011*
Ceiling signalling with
recessed square frame



ALT0011
Flexible input kit
for surface pipe
Ø 20 mm Conduit Kit



ALS0011*
Signalling surface ceiling



ALP0011*
Signalling surface wall

* Set of pictographs included



2 units



2 units



1 unit

XENA FLAT

IP44 IK07



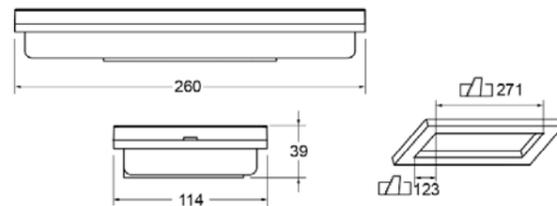
WARRANTY 2 YEAR

WARRANTY 5 YEAR

Installation

Wall	Surface	✓
	Recessed	✗
	Semi-recessed	✓
Ceiling	Surface	✓
	Recessed	✓

Dimensions (mm)



Specification

- Body: Polycarbonate
- IP IP44
- IK IK07
- Emergency: 150 ~ 300 lm
- Mains: 90 ~ 180 lm
- Autonomy: 3 h
- Battery: LiFePO₄, Ni-Cd
- Charging time: 12 h, 24 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

Technical compliance

EN-300-220-1 EN-300-220-2 EN-303-446-1
EN-60598-1 EN-60598-2-22 EN-62034

Certifications



XENA FLAT

Range

	Emergency	Mains	Type*	Dur.	Battery	Part number
Standard	150 lm		NM	3 h	3.6V-1.6Ah Ni-Cd	LXF9150C3T
	150 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LXF9150LX3T
AutoTest	150 lm		NM	3 h	3.6V-1.6Ah Ni-Cd	LXF9150X3T
	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LXF9150LXP3T
DALI2	300 lm	180 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LXF9250LXP3T
	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LXF9150LAP3T
Wireless SmartZ®	150 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LXF9150LW3T
	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LXF9150LWP3T
Wireless	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LXF9150LDP3WT
	300 lm	180 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LXF9250LDP3WT

18

*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

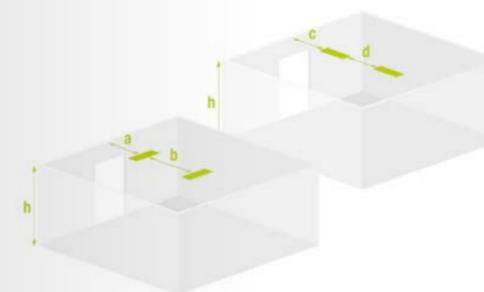
Available colours



For black versión, add "N" at the end of de part number.

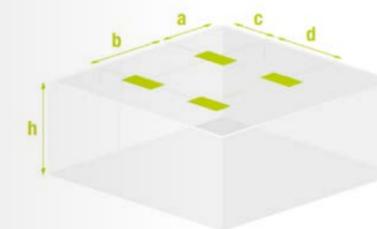
Spacing table

Calculated for reference LXF9250LXP3T (300 lm)



h	a	b	c	d
2 m	3,6 m	8,9 m	3,7 m	9,0 m
2.5 m	4,0 m	9,6 m	4,1 m	10,0 m
3 m	4,2 m	10,5 m	4,3 m	10,6 m
4 m	4,5 m	11,6 m	4,6 m	12,0 m
5 m	4,6 m	12,5 m	4,7 m	12,6 m

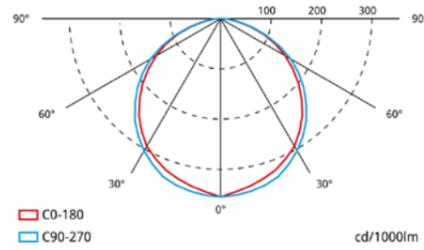
Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 1 lux over a 1 m wide evacuation path.



h	a	b	c	d
2 m	4,5 m	9,0 m	4,2 m	9,0 m
2.5 m	4,8 m	10,0 m	4,8 m	10,0 m
3 m	5,4 m	11,0 m	5,1 m	11,0 m
4 m	6,0 m	12,5 m	5,7 m	13,0 m
5 m	6,3 m	14,0 m	6,0 m	14,0 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 0.5 (anti-panic calculation).

— Photometric guide —



ACCESSORIES



ABX4071
Accessories for ceiling recessed
mounted (white colour) + transparent panel X6
(without digital printing)



AED0071
Accessories for wall semi-recessed
mounted (white colour)

Set of pictographs (not included)



APV616 APV617 APV618 APV619



AMD0041
Accessories for ceiling
recessed mounted (white colour)



APT316
Modular self-adhesive signalling
pictogram set with 4 arrows



AMU8001
Universal frame for
holes with 8W to Diana/Xena



DIANA FLAT



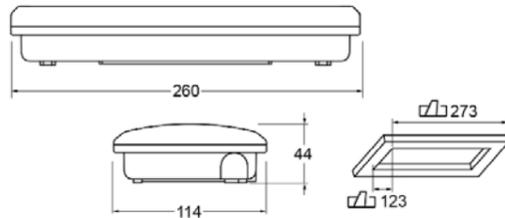
IP44 IK07



Installation

Wall	Surface	✓
	Recessed	✗
	Semi-recessed	✓
Ceiling	Surface	✓
	Recessed	✓

Dimensions (mm)



Specification

- Body: Polycarbonate, Recycled Polycarbonate
- IP IP44
- IK IK07
- Emergency: 150 ~ 300 lm
Mains: 90 ~ 180 lm
- Autonomy: 3 h
Battery: LiFePO₄, Ni-Cd
- Charging time: 12 h, 24 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

Technical compliance

EN-300-220-1 EN-300-220-2 EN-303-446-1
EN-60598-1 EN-60598-2-22 EN-62034 EN-62386

Certifications



DIANA FLAT

Range

	Emergency	Mains	Type*	Dur.	Battery	Part number
Standard	150 lm		NM	3 h	3.6V-1.6Ah Ni-Cd	LDF9150C3
	150 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LDF9150LX3
AutoTest	150 lm		NM	3 h	3.6V-1.6Ah Ni-Cd	LDF9150X3
	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LDF9150LXP3
DALI	300 lm	180 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LDF9250LXP3
	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LDF9150LAP3
Wireless SmartZ®	300 lm	180 lm	M/NM	3 h	6.4V-1.5Ah LiFePO ₄	LDF9250LAP3
	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LDF9150LWP3
Wireless	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LDF9150LDP3W
	300 lm	180 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LDF9250LDP3W



	Emergency	Mains	Type*	Dur.	Battery	Part number
DALI	240 lm		NM	3 h	3.2V-3.0Ah LiFePO ₄	LDFX9230LA3
	240 lm		NM	3 h	3.2V-3.0Ah LiFePO ₄	LDFX9230LW3



18

*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

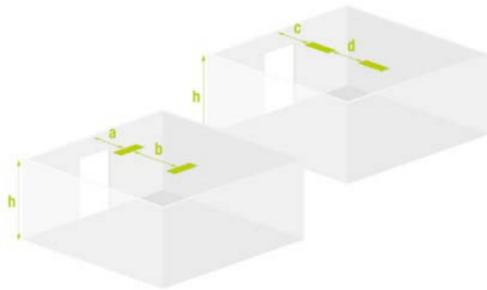
Available colours



For black version, add "N" at the end of the part number.

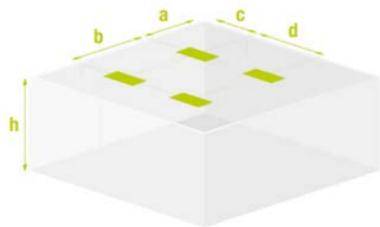


— Spacing table —
 Calculated for reference LDFX9230LA3 (240 lm)



h	a	b	c	d
2 m	4,0 m	10,1 m	3,1 m	7,0 m
2.5 m	4,2 m	11,0 m	3,5 m	8,1 m
3 m	4,2 m	11,5 m	3,7 m	9,0 m
4 m	3,9 m	12,0 m	4,0 m	10,5 m
5 m	3,7 m	11,5 m	4,0 m	11,1 m

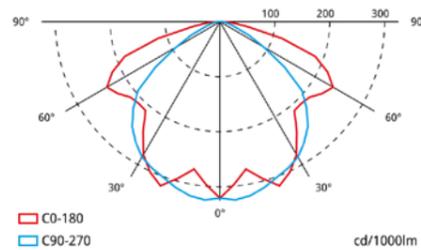
Spacing data calculated with no reflections and a maintenance factor of 0.9.
 Compliant with the updated standard EN-1838:2024.
 Minimum illuminance of 1 lux over a 1 m wide evacuation path.



h	a	b	c	d
2 m	3,6 m	8,5 m	5,1 m	11,5 m
2.5 m	3,9 m	9,5 m	5,4 m	13,0 m
3 m	4,5 m	10,5 m	5,7 m	14,5 m
4 m	5,1 m	12,0 m	6,0 m	16,0 m
5 m	5,4 m	11,5 m	5,7 m	18,0 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 0.5 (anti-panic calculation).

— Photometric guide —



ACCESSORIES



CDD008
Opal diffuser (-20% lumen output)



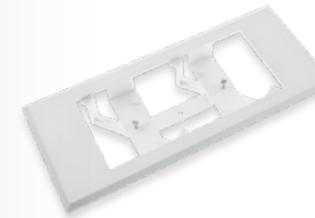
AED0071
Accessories for wall semi-recessed mounted (white colour)



AGV120
Protective Grille



AIF001
Slope accessory 47° Flat



AMU8001
Universal frame for holes with 8W to Diana/Xena



AMD0051
Accessories for wall recessed mounted (white colour)



AKF001
IK10 accessory Diana Flat



KEYC
Cylindrical housing IP65



APE0065
IP66 weatherproof kit



APE144
IP44 weatherproof kit, specially indicated for parking areas



90091NMF
Accessories for ceiling recessed mounted (white colour) + transparent panel D6 (without digital printing)



APT316
Modular self-adhesive signalling pictogram set with 4 arrows



YPD0030
Diana connection mounting plate

Set of pictographs (not included)



APV616 APV617 APV618 APV619



DIANA 8

IP42 IK04

DIANA 8

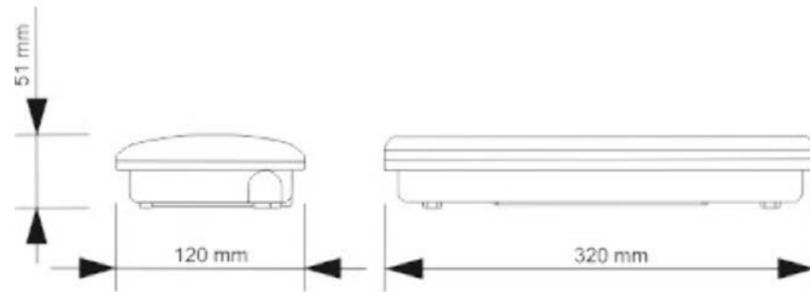


WARRANTY
5 YEAR

Installation

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✓
	Recessed	✗

Dimensions (mm)



Specification

- Body: Polycarbonate
- IP IP42
- IK IK04
- Emergency: 600 lm
- Mains: 360 lm
- Autonomy: 3 h
- Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- DALI2

Technical compliance

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

Certifications



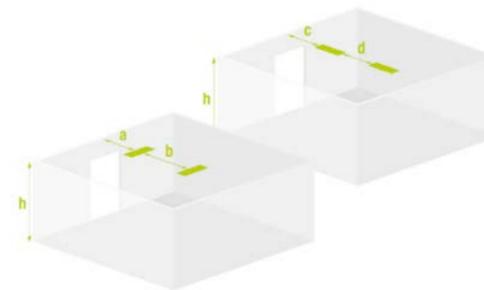
Range

Emergency	Mains	Type*	Dur.	Battery	Part number
600 lm	360 lm	M/NM	3 h	6.4V-3.0Ah LiFePO ₄	LDS9600LAP3
6					

*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

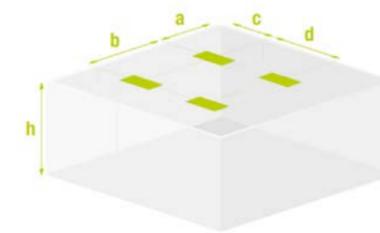
Spacing table

Calculated for reference LDS9600LAP3 (600 lm)



h	a	b	c	d
6 m	6,4 m	19,0 m	6,4 m	16,0 m
8 m	5,9 m	18,2 m	6,4 m	18,0 m
11 m	5,0 m	16,7 m	4,6 m	18,0 m
13 m	0,3 m	16,2 m	-	17,0 m
15 m	-	-	-	-

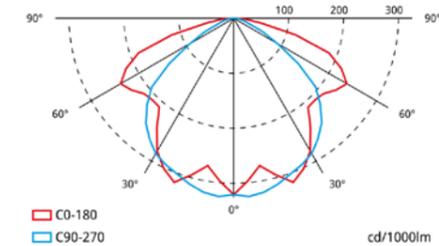
Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 1 lux over a 1 m wide evacuation path.



h	a	b	c	d
6 m	8,1 m	18,5 m	9,6 m	25,0 m
8 m	9,0 m	19,0 m	9,0 m	27,5 m
11 m	9,0 m	23,0 m	8,4 m	24,5 m
13 m	8,4 m	24,5 m	8,1 m	24,5 m
15 m	7,2 m	25,0 m	7,5 m	25,0 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 0.5 (anti-panic calculation).

Photometric guide



DIANA IP66

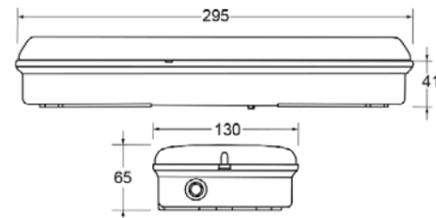


IP66 IK10



WARRANTY 2 YEAR
WARRANTY 5 YEAR
EVIO WARRANTY 10 YEAR

Dimensions (mm)



Installation

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✓
	Recessed	✗

Specification

- Body: Polycarbonate, Recycled Polycarbonate
- IP IP66
- IK IK10
- Emergency: 150 ~ 300 lm
Mains: 90 ~ 180 lm
- Autonomy: 3 h
Battery: LiFePO₄, Ni-Cd
- Charging time: 12 h, 24 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest
- Wireless
- DALI2

Technical compliance

EN-300-220-1 EN-300-220-2 EN-303-446-1
EN-60598-1 EN-60598-2-22 EN-62034 EN-62386

Certifications



DIANA IP66

Range

	Emergency	Mains	Type*	Dur.	Battery	Part number
Standard	150 lm		NM	3 h	3.6V-1.6Ah Ni-Cd	LXE3150C3
	150 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LXE9150LX3
AutoTest	150 lm		NM	3 h	3.6V-1.6Ah Ni-Cd	LXE9150X3
	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LXE9150LXP3
	300 lm	180 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LXE9300LXP3
DALI	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LXE9150LAP3
	300 lm	180 lm	M/NM	3 h	6.4V-1.5Ah LiFePO ₄	LXE9300LAP3
Wireless SmartZ®	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LXE9150LWP3
Wireless	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LXE9150LDP3W

EVIO WARRANTY 10 YEAR

	Emergency	Mains	Type*	Dur.	Battery	Part number
DALI	250 lm		NM	3 h	3.2V-3.0Ah LiFePO ₄	LXEX9230LA3
Wireless SmartZ®	250 lm		NM	3 h	3.2V-3.0Ah LiFePO ₄	LXEX9230LW3

12

*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

Available colours

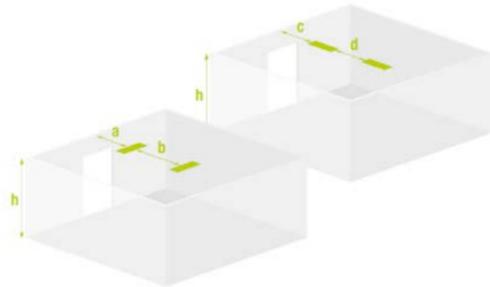


For black version, add "N" at the end of the part number.



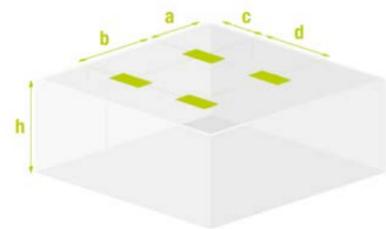
— Spacing table —

Calculated for reference LXEX9230LA3 (250 lm)



h	a	b	c	d
2 m	3,6 m	8,5 m	3,6 m	8,5 m
2.5 m	4,0 m	9,6 m	3,9 m	9,6 m
3 m	4,2 m	10,6 m	4,1 m	10,5 m
4 m	4,4 m	11,6 m	4,4 m	11,6 m
5 m	4,4 m	12,5 m	4,4 m	12,1 m

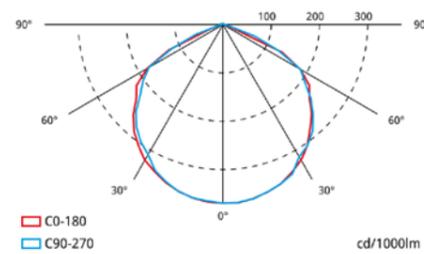
Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 1 lux over a 1 m wide evacuation path.



h	a	b	c	d
2 m	4,2 m	8,0 m	4,2 m	8,0 m
2.5 m	4,8 m	9,0 m	4,8 m	9,5 m
3 m	5,1 m	10,5 m	5,1 m	10,5 m
4 m	5,7 m	12,5 m	5,7 m	12,5 m
5 m	6,0 m	14,0 m	6,0 m	14,0 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 0.5 (anti-panic calculation).

— Photometric guide —





IP65

IK10



+25°C
-20°C



+40°C
0°C



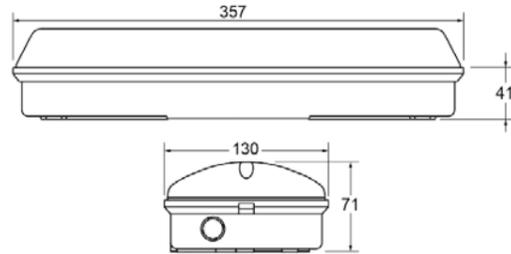
WARRANTY
5 YEAR

EVO10
WARRANTY
10 YEAR

— Installation —

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✓
	Recessed	✗

— Dimensions (mm) —



— Specification —

- Body: Polycarbonate, Recycled Polycarbonate
- IP IP65
- IK IK10
- Emergency: 150 ~ 600 lm
Mains: 90 ~ 360 lm
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h, 24 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C, -20/25 °C
- AutoTest
- Wireless
- DALI2

— Technical compliance —

EN-300-220-1 EN-300-220-2 EN-303-446-1
EN-60598-1 EN-60598-2:22 EN-62034 EN-62386

— Certifications —



— Range —



	Emergency	Mains	Type*	Dur.	Battery	Part number
AutoTest	150 lm		NM	3 h	3.2V-1.5Ah LiFePO ₄	LAE9150LX3
	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LAE9150LXP3
	300 lm	180 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LAE9250LXP3
DALI2	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LAE9150LAP3
	600 lm	360 lm	M/NM	3 h	6.4V-3.0Ah LiFePO ₄	LAE9600LAP3
Wireless SmartZ®	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄	LAE9150LWP3
	Wireless	150 lm	90 lm	M/NM	3 h	3.2V-1.5Ah LiFePO ₄
		300 lm	180 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄



	Emergency	Mains	Type*	Dur.	Battery	Part number
DALI2	230 lm		NM	3 h	3.2V-3.0Ah LiFePO ₄	LAEX9230LA3
	230 lm		NM	3 h	3.2V-3.0Ah LiFePO ₄	LAEX9230LW3

ARIAN COLD**



	Emergency	Mains	Type*	Dur.	Battery	Part number
AutoTest	300 lm	180 lm	M/NM	3 h	3.2V-3.0Ah LiFePO ₄	LAC9300LXP3



6

*NM: Non-maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.
*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.
** Special part numbers for cold storage rooms.

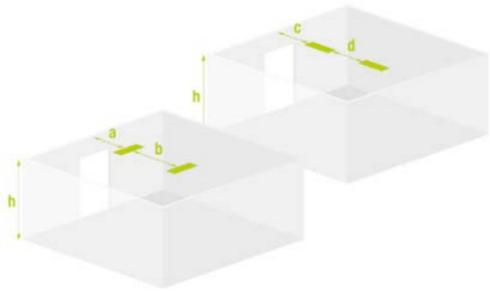
— Available colours —



For black versión, add "N" at the end of de part number.

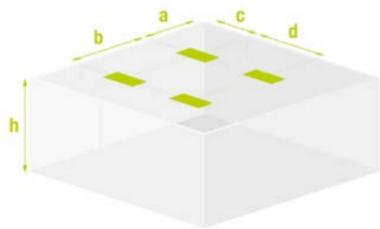
— Spacing table —

Calculated for reference LAE9250LXP3 (300 lm)



h	a	b	c	d
2 m	3,6 m	8,6 m	3,6 m	8,6 m
2,5 m	3,9 m	9,6 m	3,9 m	9,6 m
3 m	4,2 m	10,5 m	4,2 m	10,5 m
4 m	4,5 m	11,6 m	4,5 m	11,6 m
5 m	4,6 m	12,5 m	4,6 m	12,5 m

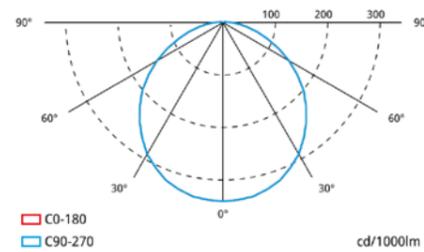
Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 1 lux over a 1 m wide evacuation path.



h	a	b	c	d
2 m	4,2 m	9,0 m	4,2 m	9,5 m
2,5 m	4,8 m	10,0 m	4,8 m	10,5 m
3 m	5,1 m	11,0 m	5,1 m	11,0 m
4 m	5,7 m	12,5 m	5,7 m	13,0 m
5 m	6,0 m	14,0 m	6,0 m	14,0 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 0.5 (anti-panic calculation).

— Photometric guide —



NEPTUNO

IP67 IK07

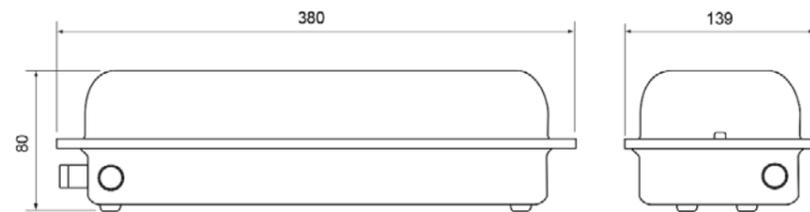


WARRANTY
5 YEAR

Installation

Wall	Surface	✓
	Recessed	✗
Ceiling	Surface	✓
	Recessed	✗

Dimensions (mm)



Specification

- Body: INOX
- IP67
- IK07
- Emergency: 350 lm
Mains: 210 lm
- Autonomy: 3 h
Battery: LiFePO₄
- Charging time: 12 h

- Supply: 230V 50Hz
- LED Colour temperature: 4000 K
- Working temperature: 0/40 °C
- AutoTest

Technical compliance

EN-60598-1 EN-60598-2:22 EN-62034

Certifications



NEPTUNO

Range

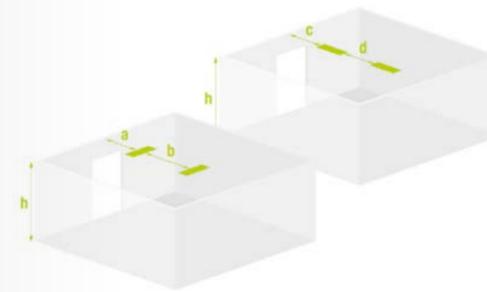
	Emergency	Mains	Type*	Dur.	Battery	Part number
AutoTest	350 lm	210 lm	M/NM	3 h	6.4V-3.0Ah LiFePO ₄	LNE9400LXP3

6

*M/NM: Maintained/Non Maintained. With a switch which allows to select Maintained or Non Maintained mode function.

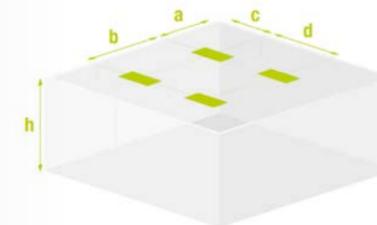
Spacing table

Calculated for reference LNE9400LXP3 (350 lm)



h	a	b	c	d
2 m	3,8 m	9,1 m	3,8 m	9,1 m
2,5 m	4,1 m	10,1 m	4,1 m	10,1 m
3 m	4,4 m	11,0 m	4,4 m	11,0 m
4 m	4,7 m	12,1 m	4,7 m	12,1 m
5 m	4,9 m	13,0 m	4,9 m	13,0 m

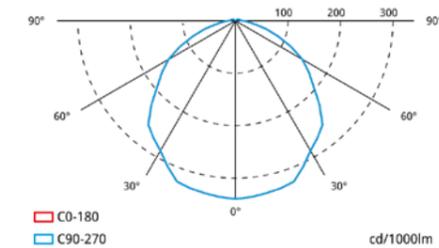
Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 1 lux over a 1 m wide evacuation path.



h	a	b	c	d
2 m	4,5 m	9,5 m	4,5 m	9,5 m
2,5 m	5,1 m	10,5 m	5,1 m	10,5 m
3 m	5,4 m	11,5 m	5,4 m	11,5 m
4 m	6,0 m	13,0 m	6,0 m	13,5 m
5 m	6,3 m	14,5 m	6,3 m	14,5 m

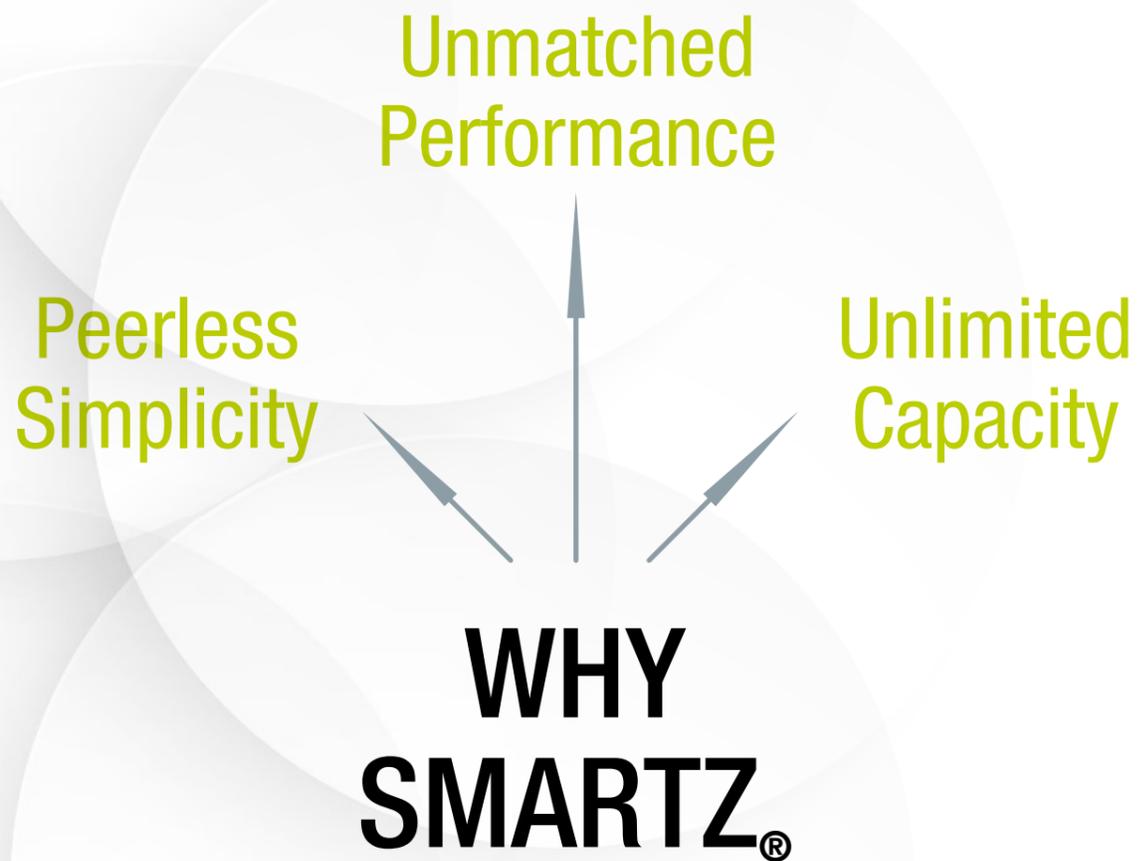
Spacing data calculated with no reflections and a maintenance factor of 0.9.
Compliant with the updated standard EN-1838:2024.
Minimum illuminance of 0.5 (anti-panic calculation).

Photometric guide





Smart 
Leading monitoring wireless systems [®]



The world's most advanced emergency lighting control system

SmartZ® represents our commitment to innovation by simplifying emergency lighting processes, making design, installation, commissioning, testing, and maintenance **quicker and more cost-effective**. As the **second generation of Zemper's wireless systems**, it showcases our leadership in advancing wireless technology within the industry since 2010.

SmartZ® has been meticulously developed through years of engineering and in collaboration with top expert in IoT and adaptive mesh topology. This innovative solution results from the work of our dedicated team, who focus exclusively on emergency lighting. Their specialized expertise drives the delivery of unparalleled simplicity and smarter solutions.



Cost-effective

Fast installation, fast commissioning.



Experience matters

2nd generation of Emergency Lighting Wireless Systems.



Secure buildings

Ensuring the highest safety for building occupants while easily guaranteeing legislative requirements.

Simplify the control and maintenance of your emergency lighting

Regular monitoring and testing of emergency lighting are essential to safeguard the lives of building occupants during emergencies.

All industrial, commercial, and public buildings need regular emergency lighting inspections. Meeting legislative requirements can be labor-intensive, especially for multiple facilities. SmartZ® is designed to simplify this process, being the push toward **smarter, more efficient and secure buildings**.

SMARTZ® BENEFITS



Easy installation



Unlimited capacity



Self-healing mesh



No interference



Multi-site management



Real-time status



Robust security



Sustainable

Lighting Smartization

Easy installation

Automatic luminaire recognition and no frequency arrangement needed: no wires, no couplers, no data point, no additional software, no intermediate routers, no licenses... Every luminaire is emitting and receiving signals creating a Dynamic mesh. Reduce drastically labor costs for emergency lighting installation. SmartZ® can be **integrated easily with other** wired and or wireless systems.

Multi-site management

The user-friendly portal simplifies **maintenance across multiple facilities**, allowing you to view each location and inspect individual luminaires or groups.

Unlimited capacity

No limits on the number of total devices since the mesh gets stronger and more resilient the more devices it contains, meaning that you can add as many devices as the project needs.

Real-time status

SmartZ® reports faults in **real-time**, sending **alerts** to the designated person via email or the user portal. Easy access from your mobile, laptop or tablet.

Self-healing mesh

Each luminaire automatically identifies its neighbouring devices to form the network. If a device is removed or malfunctions, the **network will reorganize itself and find the most efficient path.**

Robust security

All messages in the wireless mesh are **encrypted and authenticated** using the industry-standard AES128, which makes the message only detectable by the Emergency Luminaries.

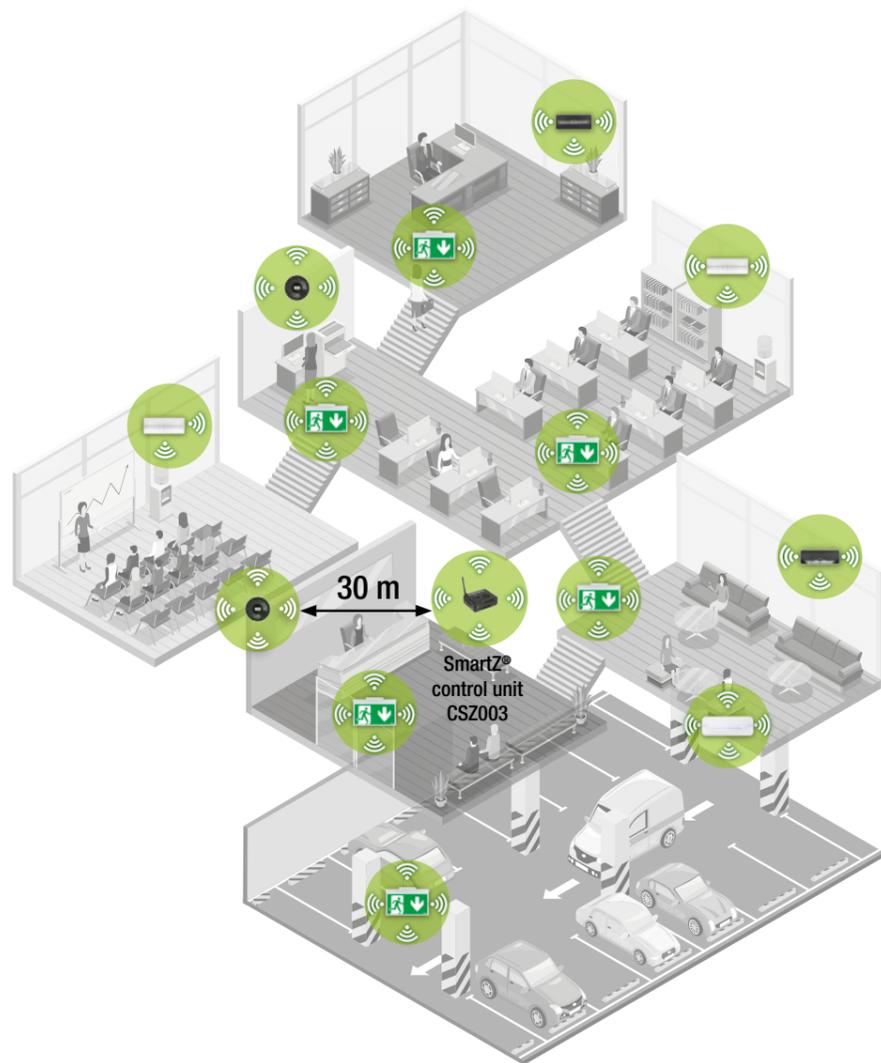
No interference

SmartZ® prevents interference by sensing channels before transmitting to avoid collisions and by **dynamically switching between 40 channels**, guaranteeing no interference with other wireless systems.

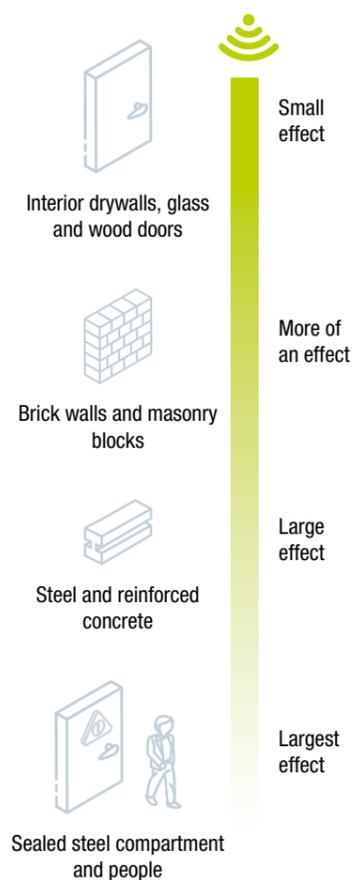
Sustainable

Reduction of installation and maintenance **foot print**. SmartZ® drastically reduces the resources needed.

SMARTZ[®] CHARACTERISTICS



signal behaviour



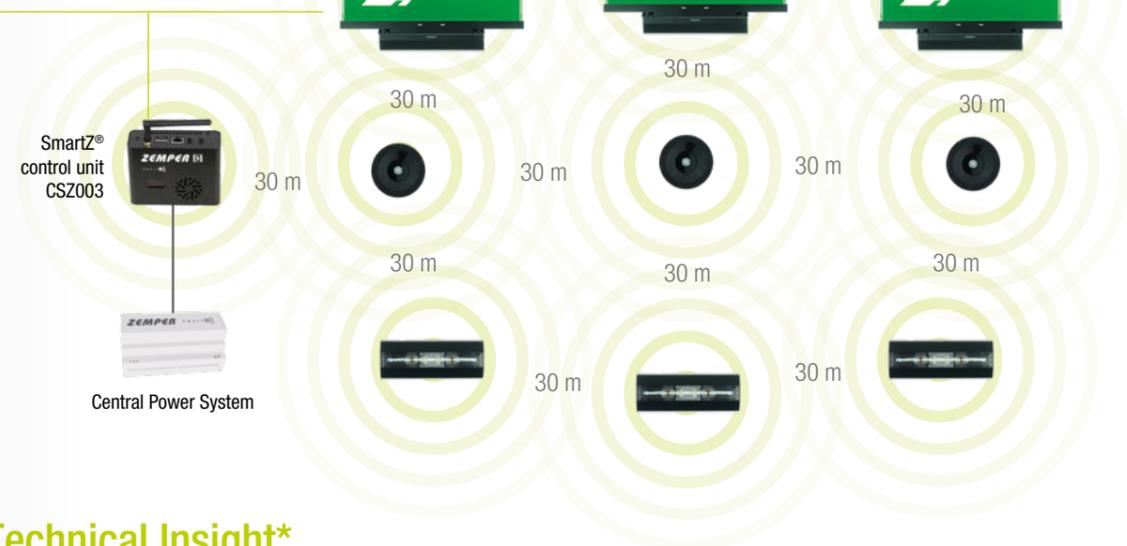
True Wireless system: Unlimited luminaires per control unit

Maximum performance

Unparalleled simplicity

Control unit communication options:

- Wifi.
- Ethernet cable.
- SIM card.



Technical Insight*

Fittings per system	Unlimited.
Fittings per control unit	Unlimited.
Spacing	Up to 30 m between luminaires and with control unit.*
Concrete penetration	SmartZ [®] penetrates vertical and horizontal concrete structures.
Decentralised operation	Luminaires are smart to make decisions. Each fitting has the capability to act as a router as required, facilitating data transmission and reception within the network without centralized control. Multiple connection options ensure uninterrupted operation, no single device failure disrupts the network, making it entirely versatile for future needs.
Network commissioning	The RF network autonomously self-configures, significantly cutting down site commissioning time - Zemper ensures rapid deployment of a fully operational network.
No interference	Automatic and dynamic interchange between the 40 channels guarantee no collisions in the communication.
Self-healing mesh	Each luminaire automatically identifies its neighbouring devices to form the network. If a device is removed or malfunctions, the network will reorganize itself and find the most efficient path. This dynamic self-managed mesh minimizes commissioning and system time while maximizing efficiency of the overall network.
Ultra fast data	High-speed data network enabling real-time analytics and response.
Security	SmartZ [®] sets the gold standard in security ensuring three levels of RF network security (Integrity, Confidentiality and Authenticity). SmartZ [®] fittings employ the most advanced network security protocols to ensure they communicate exclusively within their designated site, without interacting with any devices outside the authorized group. All messages in the wireless mesh are encrypted and authenticated using the industry-standard AES128, which makes the message only detectable by the Emergency Luminaries.
Compatibility	Supports wired and wireless Zemper previous systems
Integration with BMS	The control unit allows simple communication with other system hubs and integration into BMS (Building Management Systems). Communication with MODBUS and BACnet protocols are supported.

* The system has been validated in various environments where the average connectivity range is 30 metres. In buildings with minimal attenuation, the range is greater, and a reduction in range has also been observed when there is a significant presence of metallic elements. The connectivity range should be addressed for each project to determine the appropriate distance.

SMARTZ[®] INTERFACE

Designed for simplicity

Intuitive, clean and simple web-based interface.

SmartZ[®] Portal can be easily accessed online **from any device** (mobile, tablet & laptop, ...) with any browser.

Easy to manage multiple facilities, areas and/or groups. SmartZ[®] fully adjusts to the specific needs of your building, enabling the creation of independent groups as required. With SmartZ[®], there are no fixed zones or circuits; it's entirely flexible and versatile, and easily managed through the portal.

Interactive 2D floor plan layout showing emergency lighting positioning.

Users can **schedule functional and duration test**. All information is accessible in real-time through the portal and user can create custom reports or alerts to be automatically emailed.

Test reports provide compliance with legal requirements. **Maintenance logbook.**

Easily updated or expanded. OTA software update. OTA (On The Air) technology allows firmware upgrades without the need of physical connections. Excellent for devices that are in remote or hard-to-reach locations.

Luminaires status

Description	Quantity
Communication OK Light OFF NO ERROR	900
Communication OK Light ON NO ERROR	0
Communication NO OK	0

Tests happening in the following days.

Next programmed test:

- Autonomy: 12 / 02 / 2024
- Functional: 25 / 12 / 2023

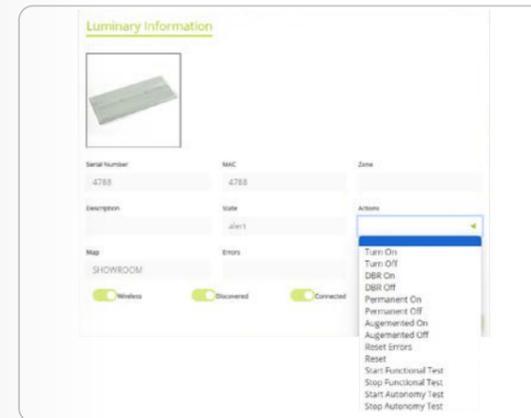
Last carried out maintenance.

Last maintenance:

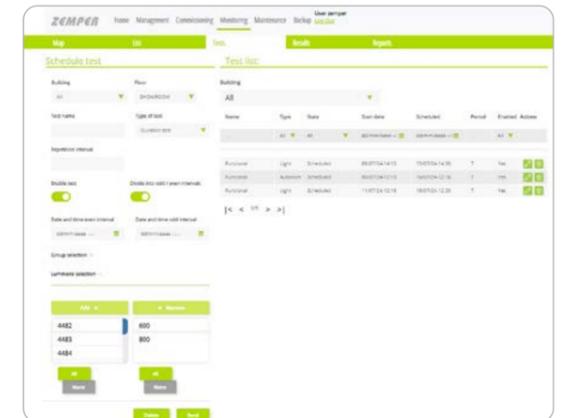
- 25 / 01 / 24 >
- Luminaire 0206 new installation.
- 26 / 01 / 24 >
- Luminaire 0112: battery change.
- 26 / 01 / 24 >
- Luminaire 0315 replaced.

Facility plans.

Issue commands to the luminaires individually or collectively.



Scheduling of functional and duration test.

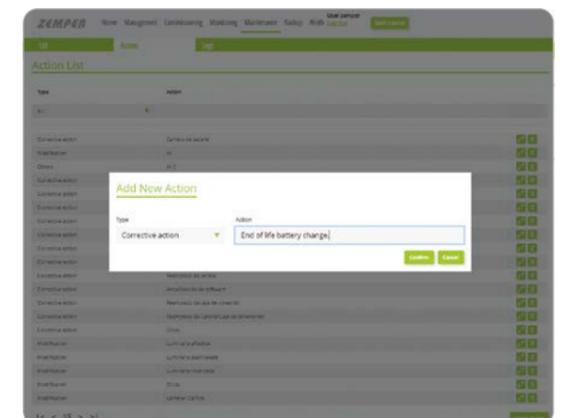


Status report.

Luminaires status

Zone	MAC	Serial Number	Location	Functional	Duration	Power status	Battery	Communication
3036	3036			✓	✓	✓	✓	✓
4766	4766			✓	✓	✓	✓	✓
4888	4888			✓	✓	✓	✓	✓
4882	4882			✓	✓	✓	✓	✓
4883	4883			✓	✓	✓	✓	✓
3038	3038			✓	✓	✓	✓	✓
3037	3037			✓	✓	✓	✓	✓
4767	4767			✓	✓	✓	✓	✓
4768	4768			✓	✓	✓	✓	✓
800	800			✓	✓	✓	✓	✓
800	800			✓	✓	✓	✓	✓
801	801			✓	✓	✓	✓	✓
800	800			✓	✓	✓	✓	✓
802	802			✓	✓	✓	✓	✓

Maintenance log.



Easy way to find the luminaires on the map by pressing a button.



A user-friendly dashboard is provided for each building, presenting a luminaires status at a glance, where for more detail, just need to hover over.

SMARTZ[®]: GOLD STANDARD SECURITY



Integrity (untouched)

Each message includes an Integrity Code, ensuring that the message was not interfered during transmission.



Confidentiality (unlistenable)

Each message is encrypted using AES128 CTR standard with a unique message-specific nonce, ensuring that intercepted messages cannot be deciphered.



Authenticity (unbreachable access)

Network signalling messages are encrypted and augmented with a code. Nodes lacking the correct encryption and key pair are unable to join the network, ensuring the integrity of received data. Additionally, there is a pairing bottom to open and close the mesh avoiding exterior connections.



Security at the Control Unit and Web Server

Industry standards:

- VPN access
- SSH for file transfer. The Secure Shell network protocol provides a secure way to access and manage remote computers.
- Secure Socket Layer encryption for MQTT (Message Queuing Telemetry Transport protocol), ensuring data privacy and integrity over the network.

SMARTZ[®]: ULTRA-RELIABLE

No single point of failure

Any device can act as a router, enabling multiple potential connections. Gateways are fully shared-if one fails, another maintains the connection.

Adaptive frequency agility

SmartZ[®] ensures uninterrupted performance by automatically switching channels as required. It provides **frequency agility across 40 channels** with short on-air times. System communication uses ultra reinforced radio frequency band.

- Listen Before Talk (LBT)
- Adaptive transmit power
- Localized multi-channel interference avoidance

Unrivalled expertise

SmartZ[®] is the culmination of years of engineering development, being our **2nd wireless generation system** and including collaboration with a **global leader in IoT and adaptive multi-hop mesh topology**, trusted across many industries.

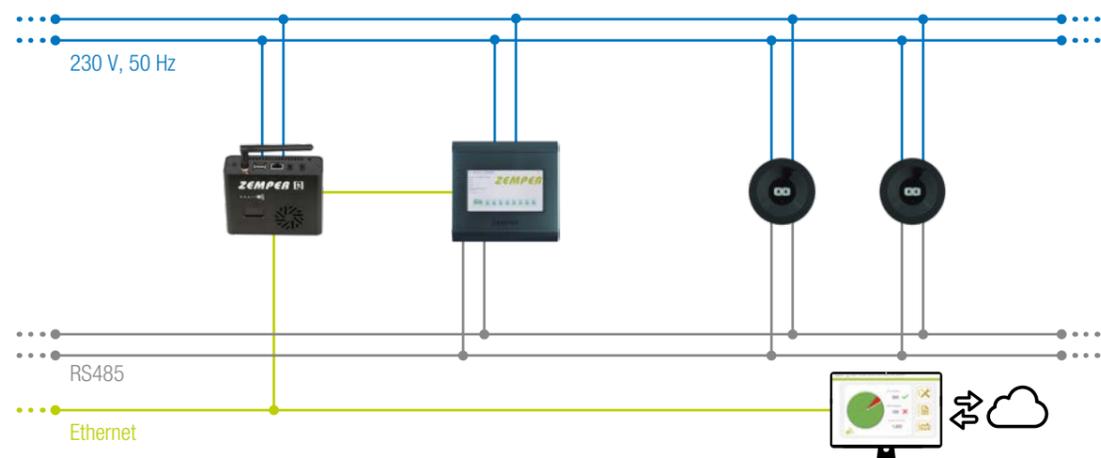


INTEGRATION WITH OTHER SYSTEMS

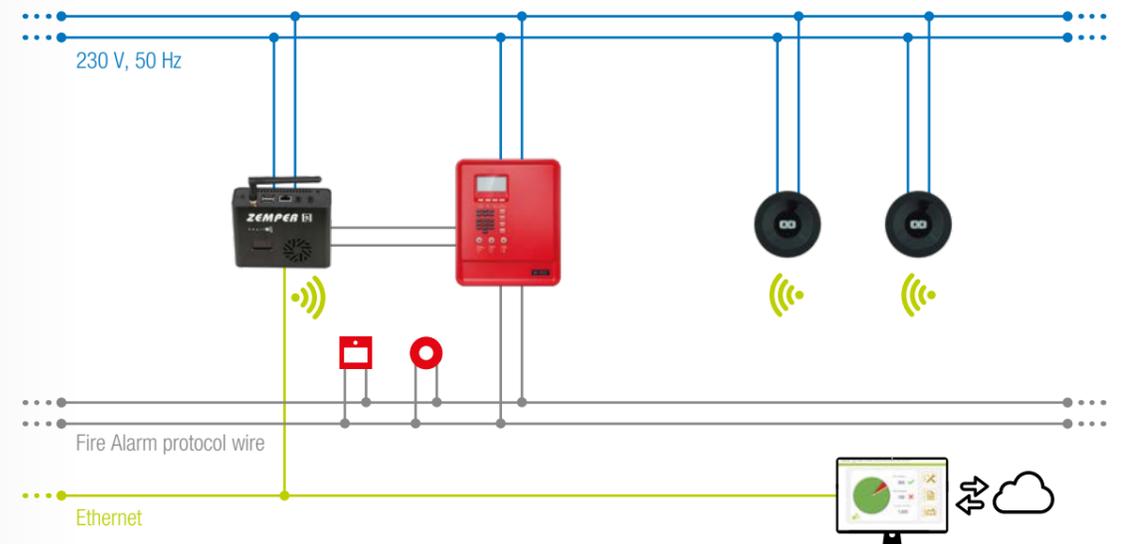


SmartZ® cable for protected environments where wireless solutions cannot be deployed

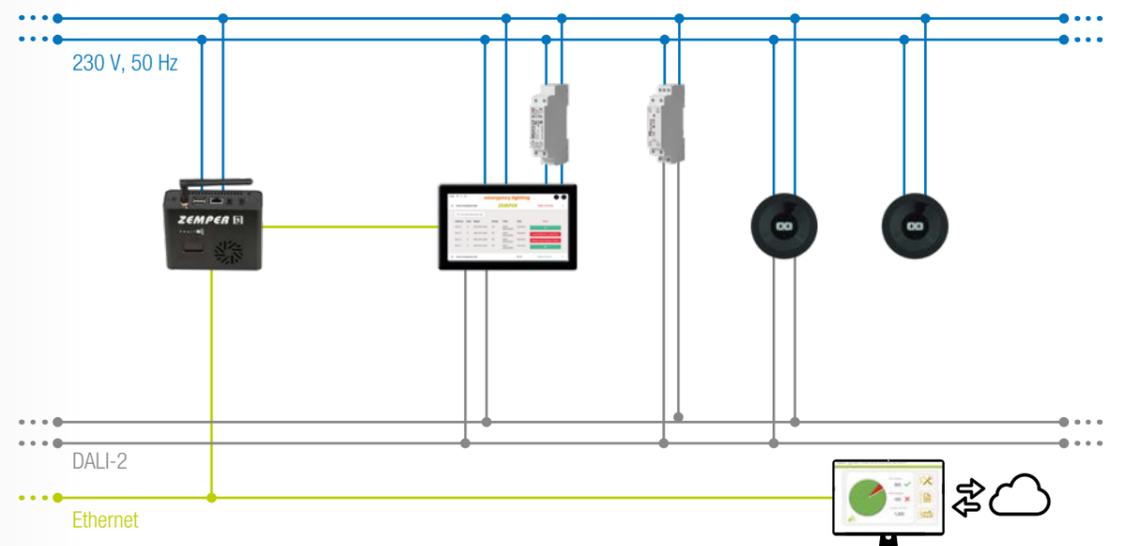
SmartZ® cable provides the solution for rooms or areas that cannot use an RF network due to their need for shielding from RF interference or a requirement for specific luminaires. Examples include hospital MRI rooms, high-security facilities, emergency services control rooms, and hazardous area lighting.



Integration with fire protection systems



Integration with DALI-2 system



REDUCTION OF CARBON FOOTPRINT

Reduction of installation and maintenance footprint.

SmartZ[®] contributes to lowering greenhouse gases emissions and developing environments that enhance the well-being of people in both the short and long terms:

- The simple and fast installation, commissioning and maintenance ensure less people are required on site, lower energy consumption and less transport pollution.
- Eliminating the need for additional devices or cables helps conserve natural resources by reducing material consumption and minimising waste at the end of their lifecycle.
- Reports are easy to understand and share, no need for printing.
- The housing of SmartZ[®] control unit is made of aluminium. 100% recyclable.
- Ecodesign and energy consumption are always in our R&D team's minds. SmartZ[®] control unit has been designed as small and compact as possible.
- SmartZ[®] product identification has been printed using a laser on the control unit itself to avoid paper or plastic stickers.
- 100% recycled and recyclable packing.
- SmartZ[®] makes your building safer, saving lives in case of an emergency, creating a better world. Corporate Social Responsibility is also a big pillar of our Sustainability commitment with society.
- Our EVO10 range, our most durable and sustainable range, with 10 year warranty is also available with SmartZ[®].

[Download the EVO10 range brochure](#)

Your emergency lighting monitoring system for a more sustainable world.



Sustainability is more than just a buzzword for Zemper. It's leading our entire business strategy.

SMARTZ[®]: THE BEST CHOICE



Profound expertise in wireless emergency lighting systems

Experience matters. We pioneers 15 years ago and SmartZ[®] is the 2nd generation of Zemper Wireless systems. Based on this baggage we offer advanced wireless solutions. Commitment to excellence ensure superior performance and reliability.

Investment for life with the smartest system

An investment for life, SmartZ[®] system is designed to be compatible with previous generations, ensuring **easy adaptability for future requirements** such as building expansions and refurbishments.



Unlimited capacity

Unlimited fittings per system.



Unbreakable Communication

The most robust communication technology and the most reliable dynamic mesh on the market.



Unmatched simplicity

An exceptionally easy-to-use system that **simplifies the lives of installers and maintainers**, while ensuring the safety of building occupants during emergencies.

Making lives easier and safer with lighting smartization.

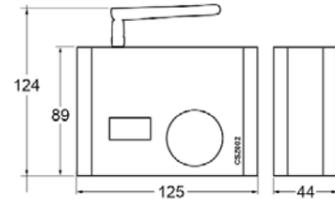
SMARTZ CENTRAL



— Installation —

DIN Rail

— Dimensions (mm) —



— Specification —

- Body: Sheet Iron
- Charging time: 24 h

- Supply: 5Vcc
- Working temperature: 0/40 °C
- Wireless

— Certifications —



— Range —

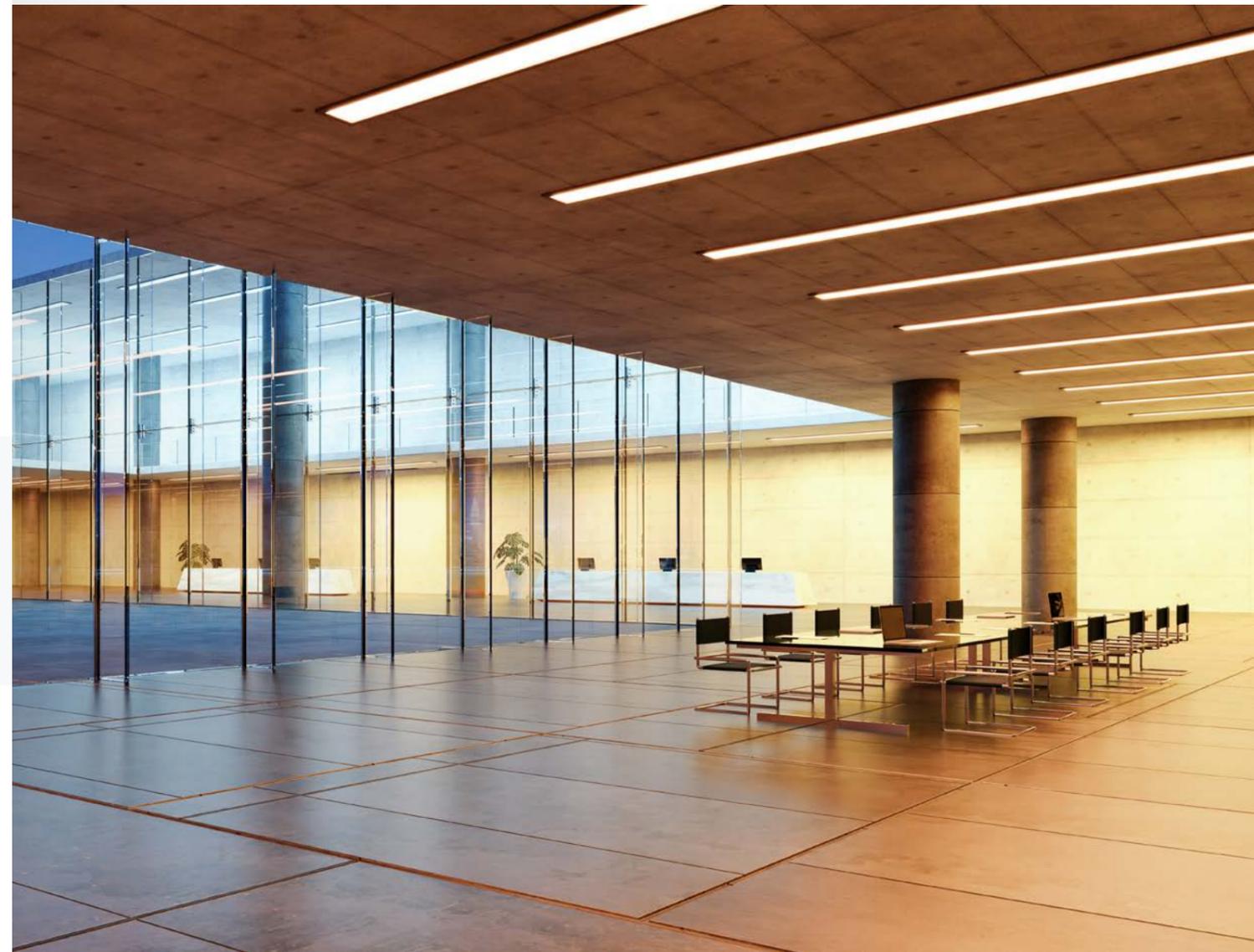
Part number
 Wireless SmartZ® | CSZ003
 6

SMARTZ CENTRAL

— Accessories —



BSZ01
SMARTZ SIGNAL AMPLIFIER
IP42/IK04 WHITE



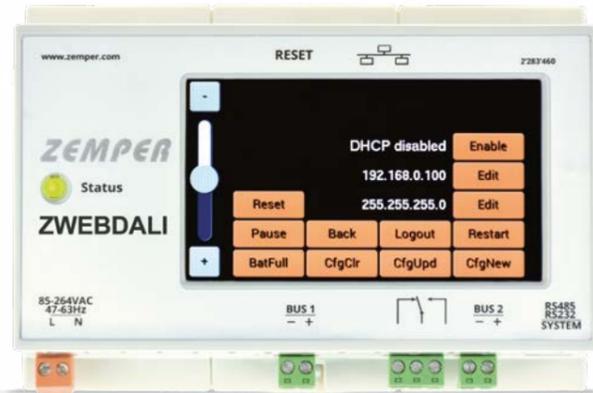
DIGITAL
ADDRESSABLE
LIGHTING
INTERFACE



DALI CENTRAL CONTROL UNIT



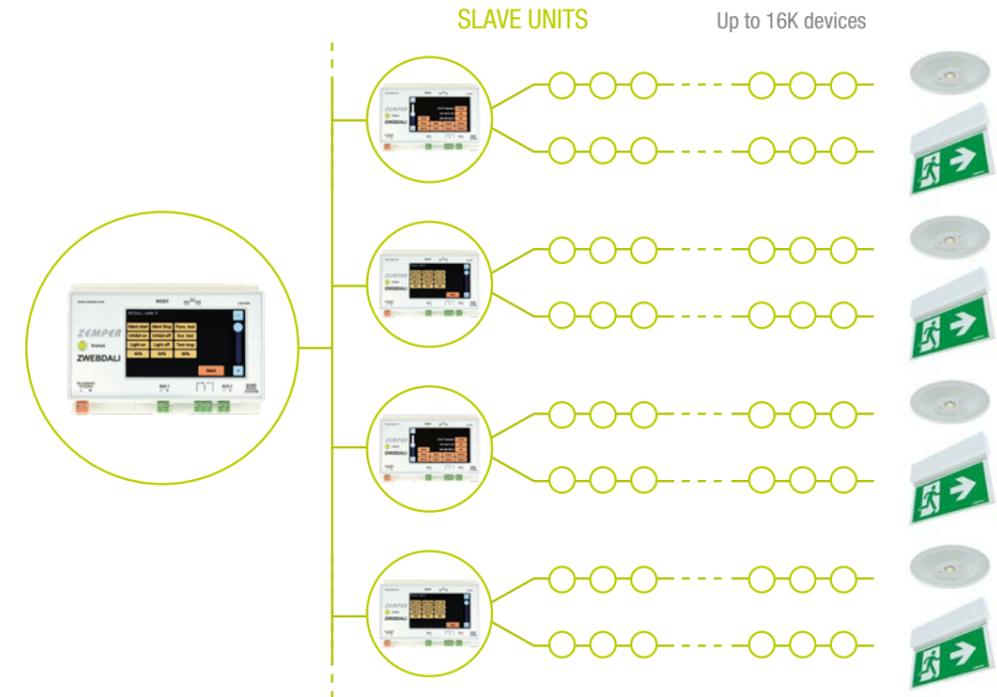
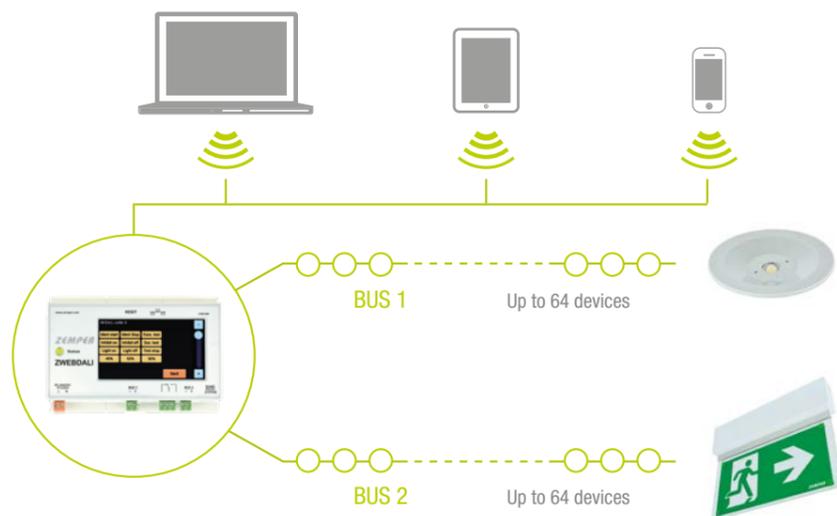
ZEMPER



Ref.: ZWEBDALI

Features

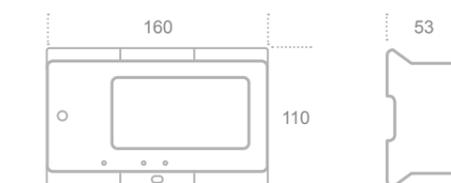
- 4.3" touchscreen display control unit
- Ethernet interface and integrated web server
- Possibility to connect 128 DALI units
- Possibility to extend using ZWEBDALI slave units connected on the same net.
- Monitoring the installation via web browser
 - Device list
 - Unit information
 - Fault list
- Test record (duration, lamp) and test configuration
- Installation configuration
 - Parameter modification
 - Groups configurator
- General configuration (network, mail configuration, add/delete emergency luminaires, etc)
- Password protected for administrators
- View reports
- Export and saving reports



Key Features

- ZWEBDALI is a supervision control unit working as a webservice connected to any LAN-NETWORK by TCP-IP protocol
- Most simple way to create an initial installation or upgrade it as well considering that ZWEBDALI unit will automatically detect the units connected in the installation.
- All luminaires information such as installation date, serial number, test information, battery status, emergency information (status, mode, features, gear status) and much more
- Disable supervision option, bus address configuration, group configuration and test day modification is also possible
- Faults selection to mail and single orders (status, identification, duration test, functional test.)
- All Devices information, test records and faults list with plenty of information.
- Up to 1000 faults can be recorded and possibility to export data
- Extended to 127 slave units - up to 16K

DIMENSIONS (mm)





DALI HIGHLIGHTS

- 

SIMPLIFIED INSTALLATIONS
Power lines and control lines can be laid together in the same cable. Topology with DALI is free. The wiring may be serial, star or mixed.
- 

FLEXIBILITY
Group assignment is set up as requested. Totally independent of hard wiring.
- 

NO POLARITY
There is no need to worry about the polarity (+/-) of the DALI control line.
- 

STATUS FEEDBACK
Status reports can be transferred directly to a higher-ranking system.
- 

INTELLIGENCE
DALI uses a system of distributed intelligence; Controllers communicate with intelligent control gears. Each controller operates as a "master" Control gears react only as "slaves" at the request of the "master" Certain parameters are stored directly in the DALI unit (e.g. tests results, group address).

DALI TECHNICAL PERFORMANCES

- MAX no. of groups per bus =16
- DALI VOLTAGE = 9.5V – 22V , typically = 16V
- DALI CURRENT= Max. 250 mA (depending on the installed DALI power supply)
- DATA TRASFER BAUD RATE= 1200
- MAX CABLE LENGTH = Approx. 300 meters for a cross-section 1.5mm²

DALI TESTING & FEEDBACK

- Status of the battery
- Luminaire Status
- Charge condition
- Function test
- Battery change info
- Installation date
- Emergency status





ZEMPER

THE EMERGENCY LIGHTING SPECIALIST



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.



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THE EMERGENCY LIGHTING SPECIALIST

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