

# EMERGENCY LIGHTING SOLUTIONS

THE ROAD  
TO SAFETY

CATALOGUE PAGES INSIDE

#legrandImprovingLives

 **legrand**<sup>®</sup>



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# THE LEGRAND GROUP: **A GLOBAL PLAYER**

As a global leader, the Legrand Group is well aware of how the scope of its offering, its technological expertise, its international presence, and the power of its brands can support a world of improvement.

The Group embraces this responsibility by putting its words into action every day through a continuous search for ways of improving its products, its processes, and every decision it makes.

## **#LegrandImprovingLives**

The Legrand Group transforms the spaces where people live, work, and meet. It provides simple, innovative, and sustainable solutions and services, and tailors them to numerous applications. It strives to brighten up the lives of everybody in its wide business ecosystem, as well as society as a whole.



ACTIVE INTERNATIONAL  
PRESENCE IN OVER  
**90 COUNTRIES**



SALES IN CLOSE TO  
**180 COUNTRIES**



**€ 8.6 BILLION**  
TOTAL SALES IN 2024



NEARLY  
**38.000 EMPLOYEES**  
WORLDWIDE



## LEGRAND'S ENVIRONMENTAL COMMITMENTS

- Incorporate environmental management into our industrial sites  
Of all Legrand sites worldwide, over 85 % are ISO 14001-certified (sites belonging to the Group for more than five years).
- Offer our customers environmentally friendly solutions  
Develop innovative solutions to help our customers design more energy efficient, better managed and more environmentally friendly installations.
- Involve the environment in product design and provide informations in compliance with ISO 14025  
Reduce the environmental impact of products over their whole life cycle. Provide our customers with all relevant information (composition, consumption, end of life, etc.)

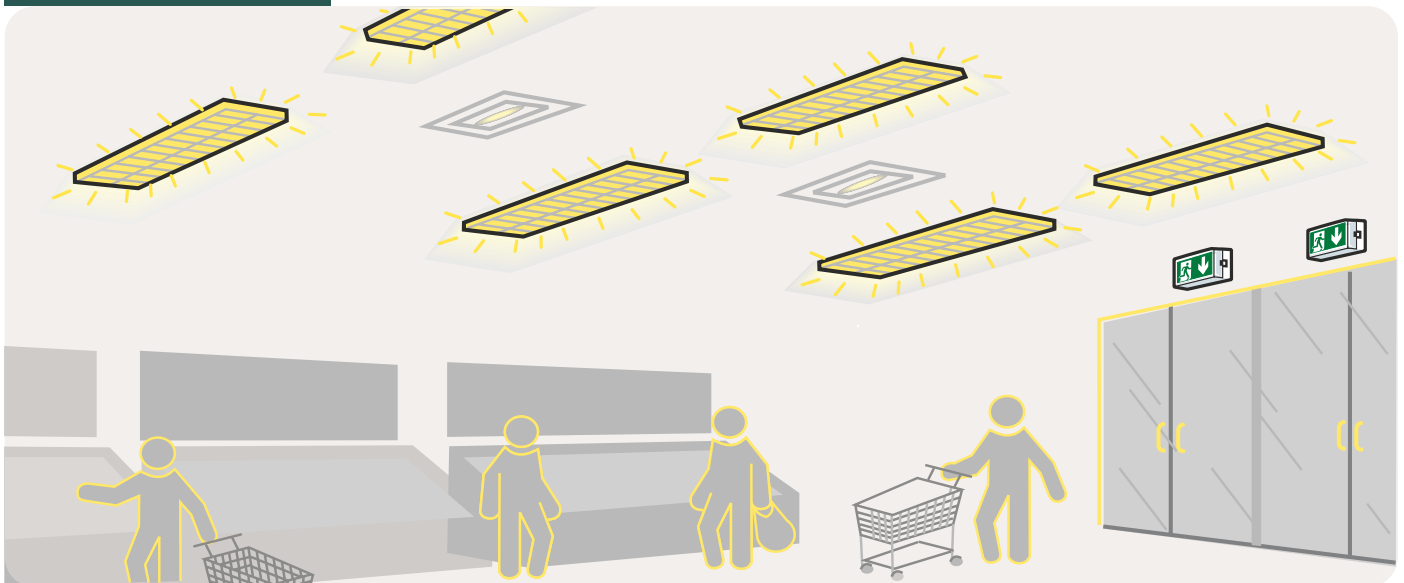
# WHAT IS AN EMERGENCY LIGHTING ?

## SAFETY MEANS ORGANISATION

### WHAT IS THE PURPOSE OF EMERGENCY LIGHTING ?

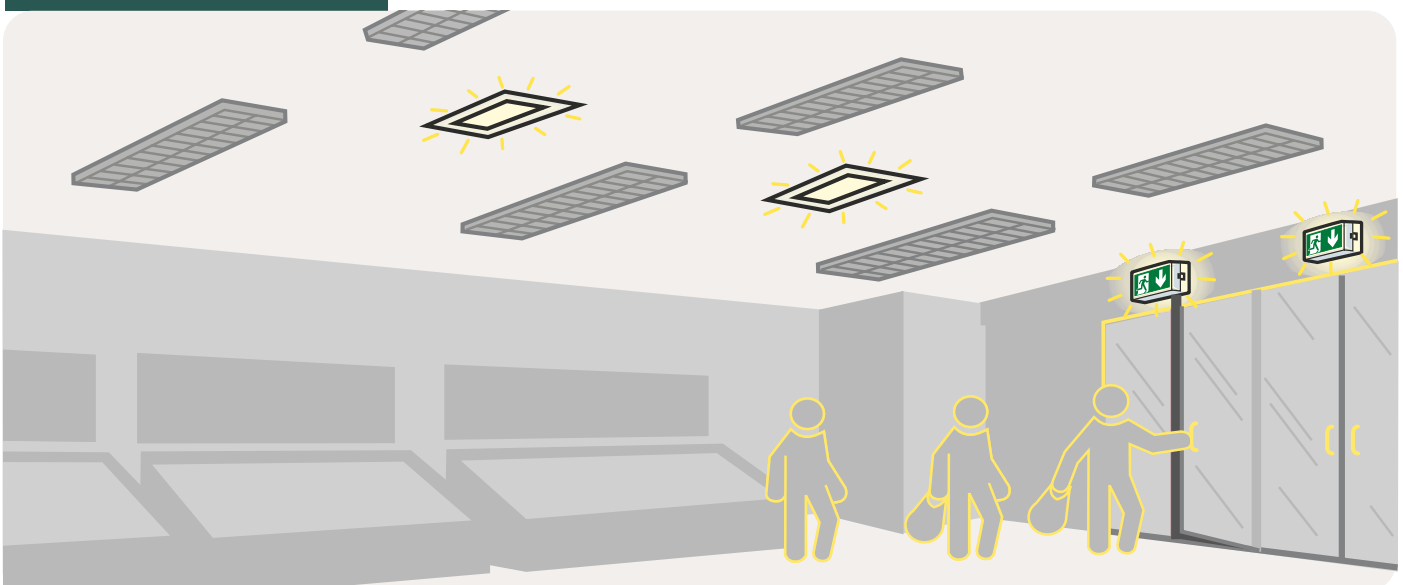
In the event of a **general lighting power failure**, it is necessary to have an **emergency lighting system** to illuminate and to indicate the **evacuation routes but also to avoid the risk of panic**. An essential element of personal safety, emergency lighting is to enable people to **evacuate from a building safely**.

#### GENERAL LIGHTING



Artificial light, activated when daylight is not enough for working or living.

#### EMERGENCY LIGHTING



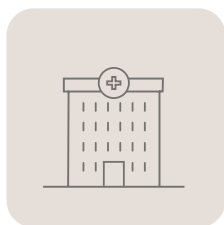
When a blackout happens, the emergency lighting **maintains a sufficient level of illumination**.

## BUILDINGS REQUIRING EMERGENCY LIGHTING\*

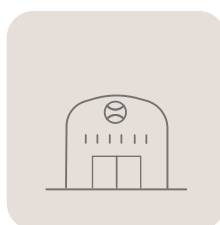
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Except for single-family homes, emergency lighting units are compulsory in all **Public Access Site** and **Employee Access Site**.

Examples of buildings concerned :



Hospitals, care homes, and educational institutions



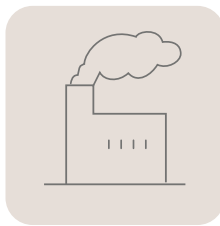
Offices, sports places, entertainment places



Commercial stores, malls, car parks, exhibition halls



Hotels, restaurants, coffee shops, residence halls



Industrial buildings, working places



High-rise buildings

\* This example is taken from the European standard. In the case of other country's not submitted to this standard, please refer to local regulations.

# WHAT IS AN EMERGENCY LIGHTING ?

## EXIT SIGN vs. ANTI-PANIC

### EXIT SIGN

**Exit signs** are installed to provide appropriate **visual conditions** and **direction finding** to assist escape routes to be readily located and used.



**X-light 180:** Recognisable by the running man label.



Running man story p. 13

### ANTI-PANIC

The **open area emergency lighting (anti-panic)** enables to **reduce the risk of panic** and **helps for safe movement** of occupants towards escape routes.



**X-light 360**





# EMERGENCY LIGHTING OPERATION: UNDERSTAND EMERGENCY LIGHT LEVEL AND DURATION

Two key factors that determine the performance and efficiency of emergency lighting system.

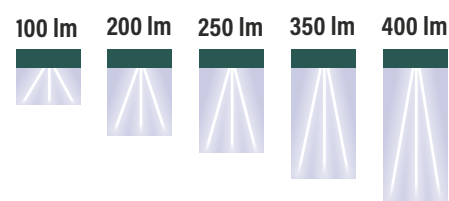
## DURATION

How long emergency lighting can **operate independently** during power failures.



## LIGHT LEVELS

Indicate the **light level emitted** by emergency luminaires and exit signs.



## EMERGENCY LIGHTING PRODUCT TYPES

TYPE	EXAMPLES OF TYPICAL AREAS
<p><b>INDOOR</b></p> <ul style="list-style-type: none"> <li>▪ Inside buildings or enclosed spaces</li> <li>▪ Often compact and designed to blend seamlessly with the interior decor of the building</li> </ul>	<ul style="list-style-type: none"> <li>▪ Corridors</li> <li>▪ Staircases</li> <li>▪ Lobbies</li> <li>▪ Open areas</li> <li>▪ Meeting rooms</li> </ul>
<p><b>WHEATHERPROOF</b></p> <ul style="list-style-type: none"> <li>▪ Inside and outside a building where there is a risk of moisture</li> <li>▪ Engineered to withstand exposure to harsh environmental conditions, such as rain, snow, dust and extreme temperature</li> </ul>	<ul style="list-style-type: none"> <li>▪ Car parks</li> <li>▪ Walkways</li> <li>▪ Industrial facilities</li> <li>▪ Undergrounds</li> </ul>
<p><b>HIGH LUMINOSITY</b></p> <ul style="list-style-type: none"> <li>▪ High lumen outputs which provides increased brightness and visibility during power failures</li> <li>▪ Used in large open spaces or areas with high ceilings.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Commercial malls</li> <li>▪ Warehouses</li> <li>▪ Industrial buildings</li> <li>▪ Entertainment &amp; exhibition halls</li> </ul>

# WHAT IS AN EMERGENCY LIGHTING ?

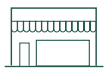
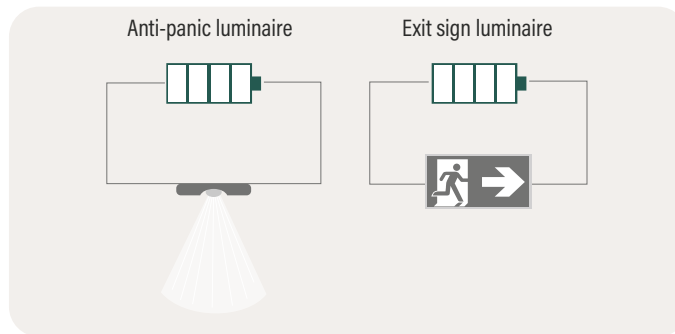
## 2 TECHNICAL SOLUTIONS

In emergency lighting system, there are two distinct solutions for providing backup illumination during general lighting power failure.

### SELF-CONTAINED LUMINAIRES (SC)

Individual lighting units that include both the **light source** and the **battery backup system** integrated into the **same housing**.

- Stand alone units

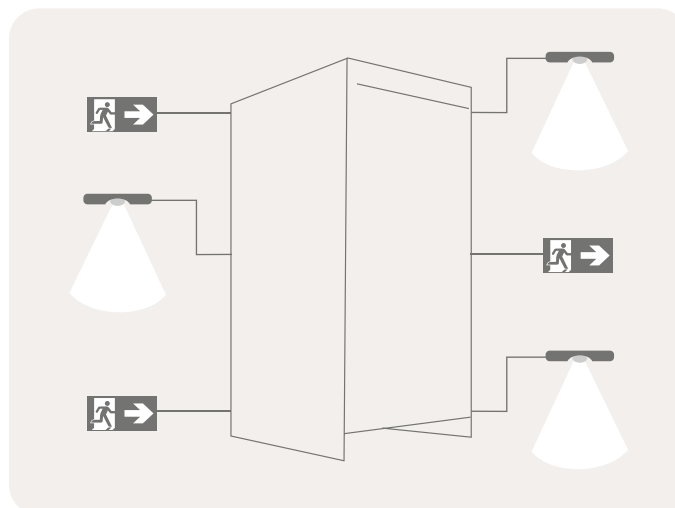


*Suitable for small and medium-scale applications or areas where centralized emergency lighting is not specified.*

### CENTRAL BATTERY SYSTEM (CBS)

**Central Battery emergency supply** that provides power to **multiple emergency lighting slaves luminaires** installed throughout a building or facility.

- Usually located in a special room designed for battery ventilation



*Often preferred for larger installations or facilities where a high level of system integration and monitoring is desired.*

# OPERATING MODES, FROM MAINTAINED TO NON-MAINTAINED

## MAINTAINED LUMINAIRE

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Operates both during normal conditions and in the event of a general lighting power failure. The luminaire is permanently illuminated, providing both general lighting during regular operation and emergency lighting during power outages.

- Commonly used in areas where constant illumination is required (corridors, staircases, emergency exits...)



## NON-MAINTAINED LUMINAIRE

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**Not illuminated during normal operation.**

Unlike the maintained luminaire which is permanently illuminated, this type of product only illuminates in the event of a general lighting power failure.

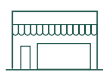
# WHAT IS AN EMERGENCY LIGHTING ?

## 3 TEST MODES

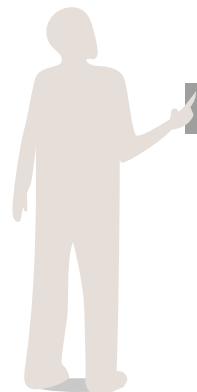
To ensure the safety of all occupants, it is important to check that emergency lighting is **able to work properly in case of emergency lighting power failure**. For this purpose, tests must be carried out regularly. Luminaires can be equipped with one of these three test modes.

### MANUAL TESTING

In order to check emergency lighting units, general lighting power supply must be **voluntarily switched off**. Need to walk along the whole building's evacuation routes to check if all emergency lighting units light.



*Suitable for small-scale applications*

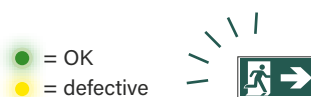


### AUTOTEST

Emergency lighting units with **automatic testing system inside**. Need to walk along the whole building in order to **check the operating state on a LEDs** visible on the emergency lighting units.



*Suitable for medium-scale applications*



### AUTOTEST AND ADDRESSABLE

**Automatic testing system inside and centralized in a control board**. The operating state of emergency lighting units is visible through a **monitoring application/system on PC, tablet and smartphone**.



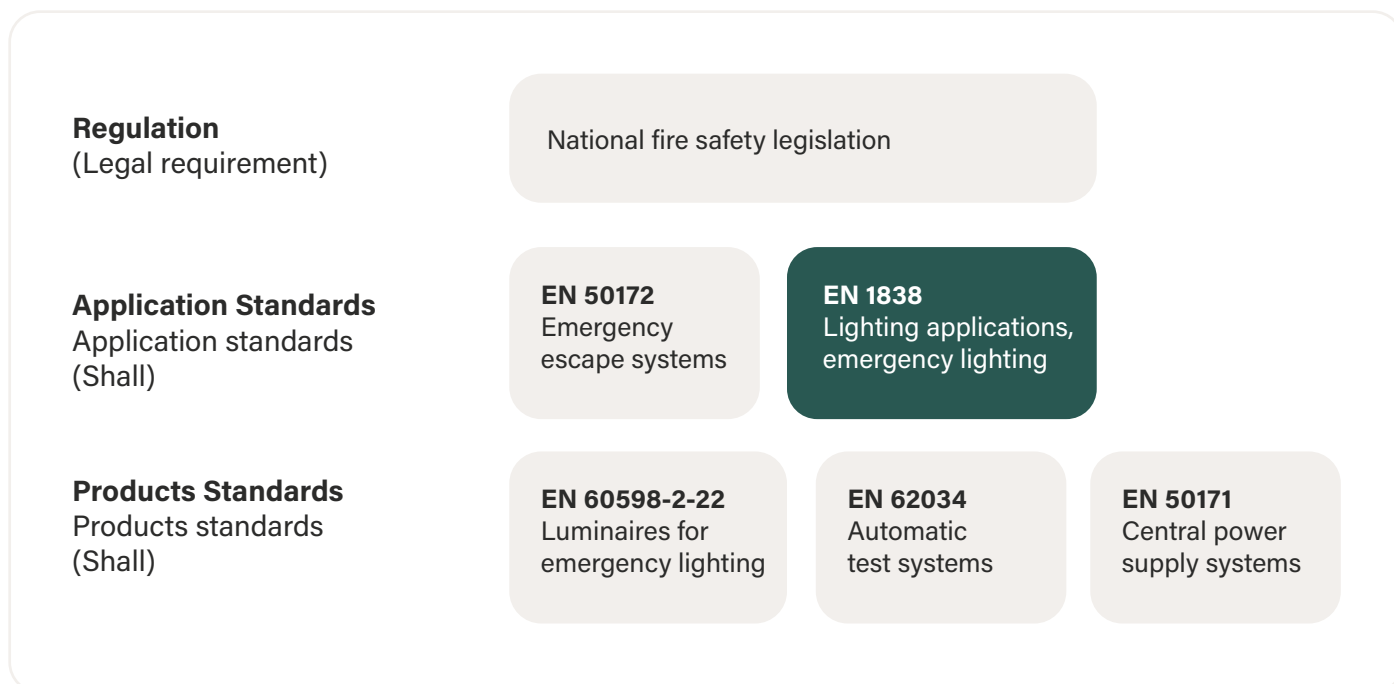
*Suitable for large-scale applications*



# THE STANDARD FRAMEWORK

## COMPLIANCE

Emergency lighting is subject to several **standards** and **regulations** to ensure its **safety** and **efficiency**. One way to guarantee quality, reliability, and conformity is by certifying the system to a quality mark through a third party.



### EN 1838

One of the most important standards, which specifies the requirements for emergency lighting installation in case of a failure in the regular lighting system.

The standard states that emergency lighting must:

- Clearly indicate escape routes
- Provide enough illumination to ensure safe movement towards and through exits
- Help locate fire alarm call points and firefighting equipment along escape routes
- Allow for safety-related operation

### OTHER NORMATIVE REFERENCES

- **EN 12665**, Light and lighting - Basic terms and criteria for specifying lighting requirements
- **EN ISO 7010**, Graphical symbols - Safety colours and safety signs - Registered safety signs (ISO 7010)
- **ISO 3864-1**, Graphical symbols - Safety colours and safety signs - Design principles for safety signs and safety markings
- **ISO 3864-4**, Graphical symbols - Safety colours and safety signs - Colorimetric and photometric properties of safety sign materials

## THE STANDARD FRAMEWORK

# COMPANY AND PRODUCTS CERTIFICATIONS

Emergency lighting products are designed to ensure reliability, safety, and durability even in critical environments.

## PRODUCT STANDARDS

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**IEC 60598-2-22** (International): Standard defining safety and performance requirements for emergency lighting equipment.

**EN 60598-2-22** (Europe): Standard defining safety and performance requirements for emergency lighting equipment.

## EUROPEAN DIRECTIVES

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Products sold in the European Union must comply with CE Marking requirements, ensuring they meet EU safety standards, including tests for electrical safety and electromagnetic compatibility to protect users:

- **Low Voltage Directive (LVD, 2014/35/EU)**: Ensures that electrical equipment within certain voltage limits provides a high level of protection for European citizens
- **Electromagnetic compatibility (EMC) Directive 2014/30/EU**: Ensures harmonious coexistence with other electronic devices
- **Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS) 2011/65/EU and amendments**: Limits environmentally hazardous substances
- **ATEX**: Mandatory for products intended for use in explosive environments

## CERTIFICATIONS AND QUALITY MARKS

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Third-party certifications issued by approved laboratories guarantee product conformity. Some quality marks are specific to countries or regions, for example :

- **ENEC** (Europe): Certificate guaranteeing compliance of electrical products with European safety and performance standards
- **AENOR** (Spain): Certification of compliance with Spanish and European standards
- **NF AEAS** (France): Certification of compliance with French and European standards

In addition, **ISO 9001** certification, although not specific to emergency lighting, attests to the manufacturer's reliability. It guarantees that rigorous quality processes are followed throughout product manufacturing, reinforcing the confidence of users and partners.

## BENEFITS

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These certifications and quality marks:

- Ensure the safety of occupants in case of an emergency
- Facilitate compliance with regulations in establishments receiving the public and workplaces
- Guarantee the reliability and durability of equipment, which is crucial for their operation in case of a power failure

Important: Refer to local regulations to ensure compliance with country-specific requirements. Please note that some certifications are specific to some countries, and the list is not exhaustive.

# INDICATE UNAMBIGUOUSLY THE ROUTE OF ESCAPE

## THE GREEN RUNNING MAN STORY

The symbol of the running man used on emergency lighting units was created in the 1980s by **Yukio Ota**, a Japanese graphic designer. He developed this pictogram in response to the need for a **universally recognisable symbol** indicating emergency exits.

Now this symbol has become an **international standard** for **emergency exits signs** and is widely used in many countries around the world.



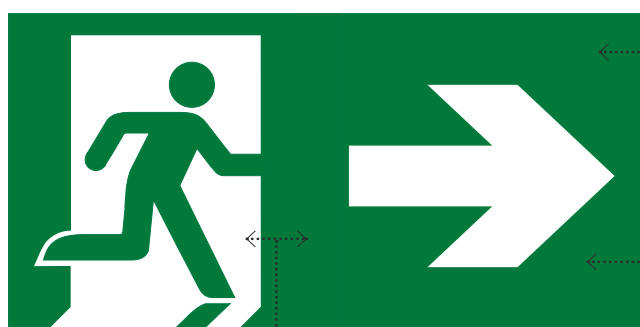
Post-1982 Japanese exit sign "Running Man"

## SIGN COLOR AND ILLUMINATION

**Sign colors** are specified by **ISO 3864** which states that the colors for exit and first aid signs must be **white with green** as the contrast color.

Following EN 1838, the **ratio** of white to green luminance should be between **5:1 and 15:1**.

The minimum luminance of any 10mm patch area on the sign should be greater than  $2 \text{ cd/m}^2$ , and the ratio of maximum to minimum luminance should be less than 10:1 for either color.



Min luminance  
=  $2 \text{ cd/m}^2$

Contrast of the colours  
must be between 5:1  
and 15:1

Ratio of luminance  
shall be less than 10:1  
for either colour



Well illuminated exit sign



Badly illuminated exit sign

# THE STANDARD FRAMEWORK

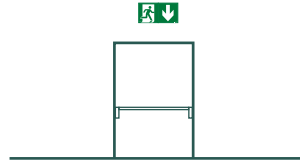
## ESCAPE SIGNAGE



Escape signs should be placed:



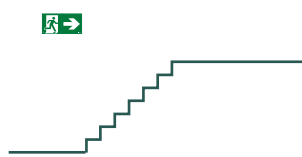
- at all normal exits



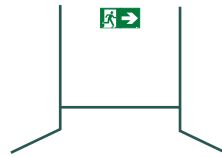
- at all emergency exits



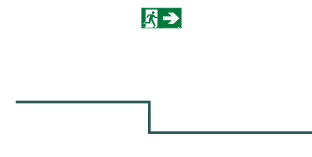
- along escape routes



- anywhere else if the route to the nearest exit is not clear



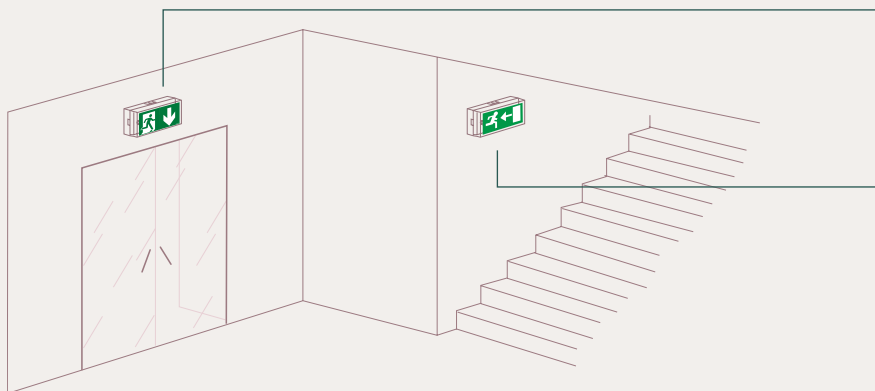
- at all changes of direction



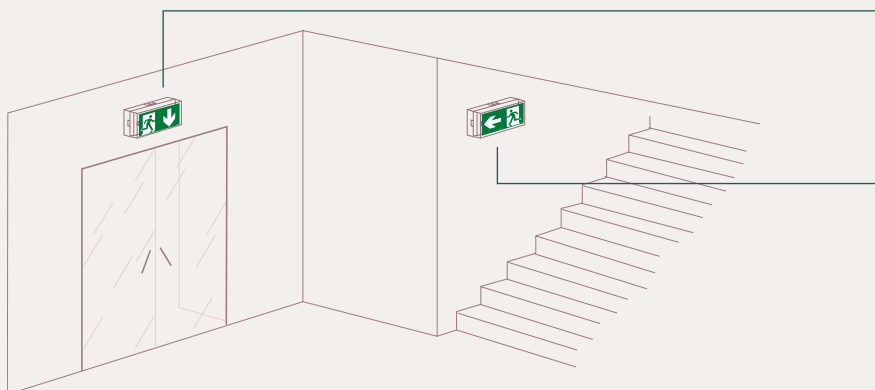
- at every obstacle along the road



*To ensure consistency and clear understanding, the sign types should not be mixed within a building.*



*The two different designs disrupt the reading and understanding.*

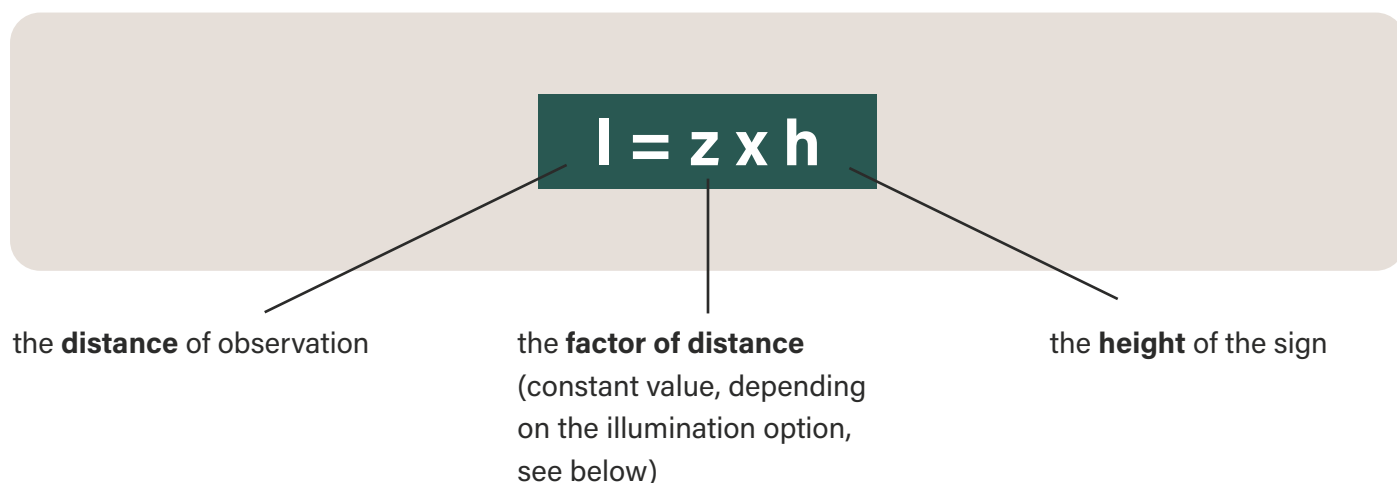


*Opting for the same design on all signs ensures a consistent and unambiguous reading.*



# ESCAPE SIGN VIEWING DISTANCES

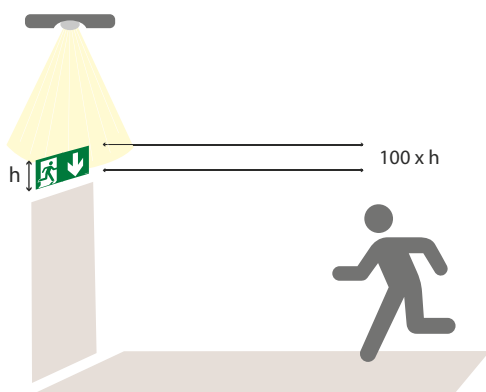
All signs will need illumination to ensure that they are **visible** and **legible**. The maximum viewing distance shall be determined by use of the following formula:



Here are the 2 main options of illumination:

### EXTERNAL ILLUMINATION

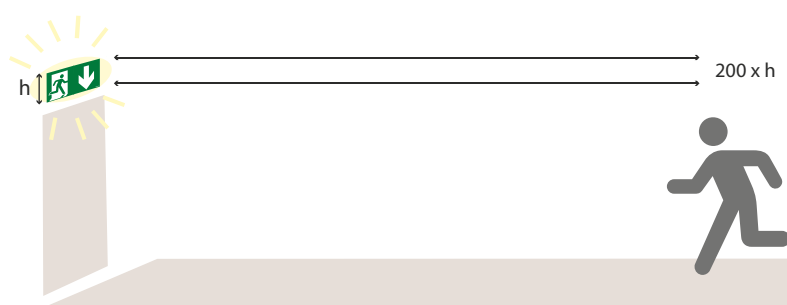
$z = 100$



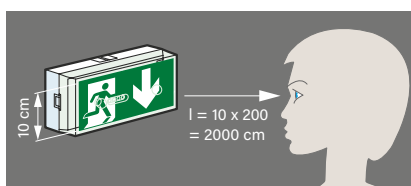
### INTERNAL ILLUMINATION

$z = 200$

*An internally illuminated sign is discernible at greater distance than an externally illuminated sign.*



Example:



*A label of 10 cm in height is visible up to 20 m away*

For **unambiguous** legibility, the safety sign should be mounted **not higher than 20°** above the horizontal view.

# THE STANDARD FRAMEWORK

## LIGHTING LEVELS

It is imperative to maintain proper **lighting levels** and to have emergency lighting that is **strategically placed** to ensure that all escape routes are adequately illuminated.



### ESCAPE ROUTES

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- Routes occupants must follow to evacuate the premises
- 1 lux minimum
- At least 2 luminaires per compartment



### OPEN CORE AREAS

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- Areas > 60 m<sup>2</sup>
- 0.5 lux minimum (excluding 0.5 m border at edge of area)
- If escape route runs through open area, escape route still 1 lux



### HIGH-RISK TASK AREAS

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- Done on case-by-case basis as part of site risk assessment
- 10 % of light required for the task
- Never less than 15 lux

**1 lux = one lumen per square meter.**

In photometry, this is used as a measure of the intensity, as perceived by the human eye, of light that hits or passes through a surface. Lux can be measured by specific handheld devices, or it can be calculated at the design stage using specific 3D software suites.

# SPACING OF LUMINAIRE

## ESCAPE ROUTES

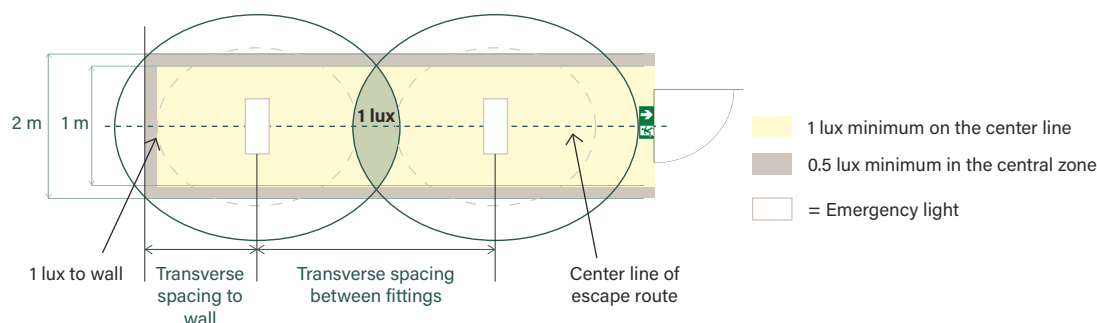
### Emergency luminaires should be sited in addition to the points of emphasis:

The horizontal illuminance on the escape route floor level shall not be less than 1 lx.

For escape routes wider than 2 m, borders of 0.5 m of the perimeter of the escape route area are excluded.

For escape routes of 2 m and narrower, borders of 1/4 of the escape route width are excluded.

ESCAPE ROUTE ILLUMINATION

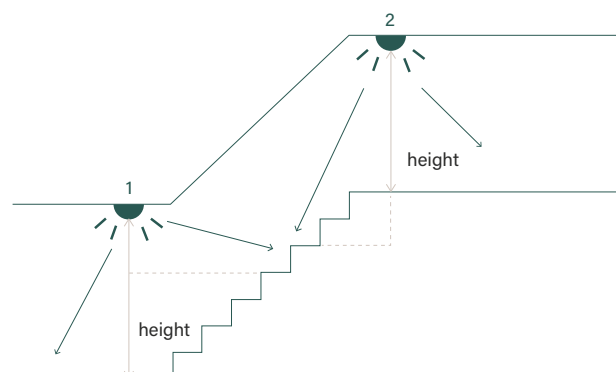


## STAIRCASES

Lighting should be distributed evenly across the entire escape route.

When placing luminaires near stairs, they must be located so that each tread receives direct light.

Other changes of level that can cause tripping hazards in low light must also be illuminated.

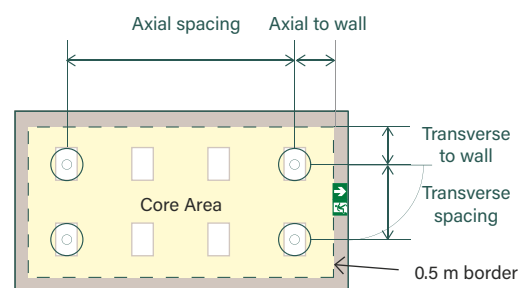


## OPEN AREAS

Emergency luminaires should be installed in open areas used as escape routes and in open areas larger than 60 m<sup>2</sup>, to 0.5 lux minimum. Only the core area is considered because people do not often cross the outer 0.5 m perimeter border.

Note that the transverse and axial orientation may be more efficient in using luminaires. Some open area luminaires have a circular light distribution, so the transverse and axial would be identical.

In open areas, moveable desks, chairs and other furniture can be ignored for emergency lighting. However, where there is a fixed partition, the 0.5 m border follows the shape of the partition and the emergency lighting must be designed around it.



OPEN AREA ILLUMINATION

## THE STANDARD FRAMEWORK

# PHOTOMETRICS DATA AND SPACING TABLES

### ESCAPE ROUTES

#### LIGHTING LEVEL REQUIREMENTS

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Lighting level requirements specify a **minimum amount of lux** on the escape route central line, as well as a maximum uniformity **ratio**. The illuminance level must be **sustained throughout the system's lifespan**, and 50 % of it should be available within five seconds of power failure. Full illumination must be restored within 60 s time frame after power is cut off.

#### PHOTOMETRIC DESIGN

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In photometric design, **tables** or **lighting calculation software** are used to determine if **additional luminaires are needed** to provide the appropriate level of illumination on escape routes. To ensure that the design meets the required levels at all times, the data is "de-rated," as required by the standard.

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### OPEN (ANTI-PANIC) CORE AREAS

#### LIGHTING LEVEL REQUIREMENTS

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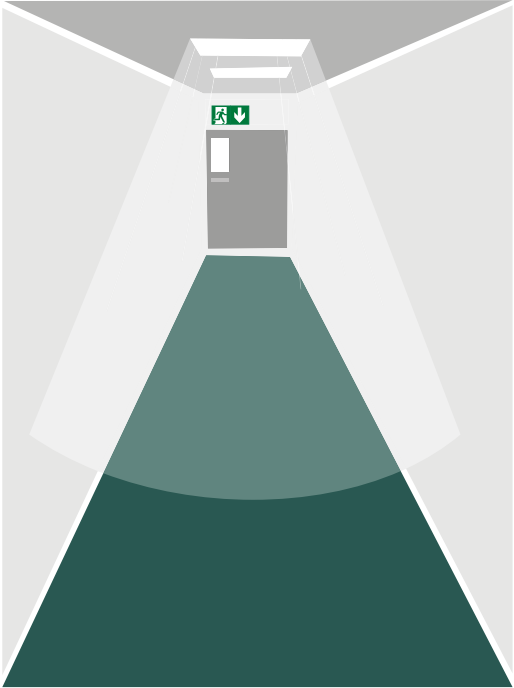
A **0.5 lux minimum** of the **empty core area** – which excludes a 0.5 m border of its perimeter – is detailed by EN 1838.

A spacing table (example opposite) or a lighting calculation software are similarly used to generate data. This is then de-rated in the same way as it is for escape route lighting to determine the luminaire location.

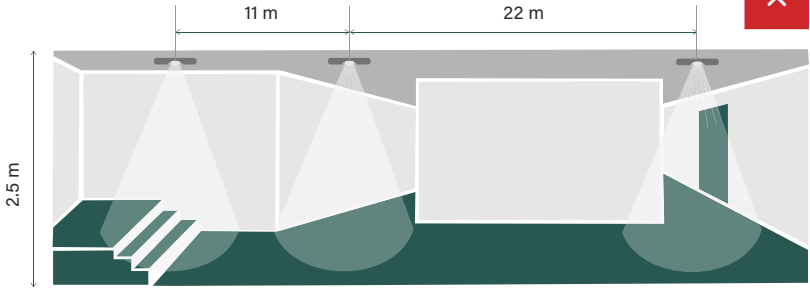
#### PHOTOMETRIC DATA

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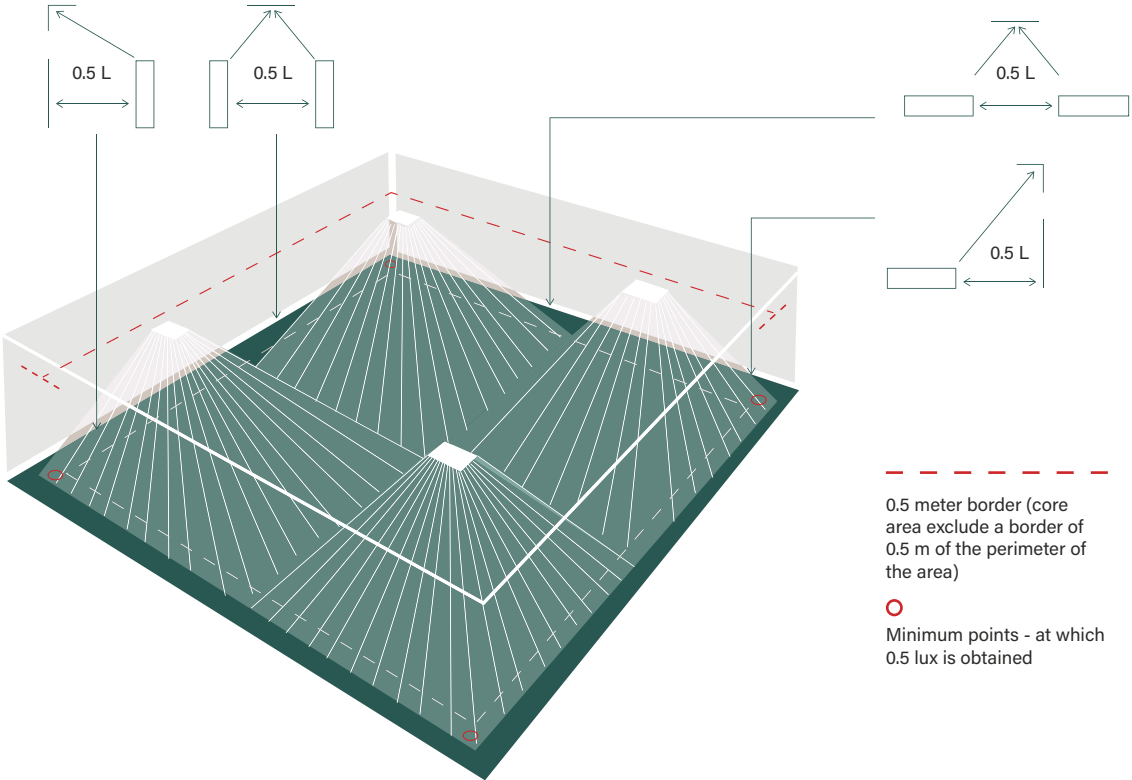
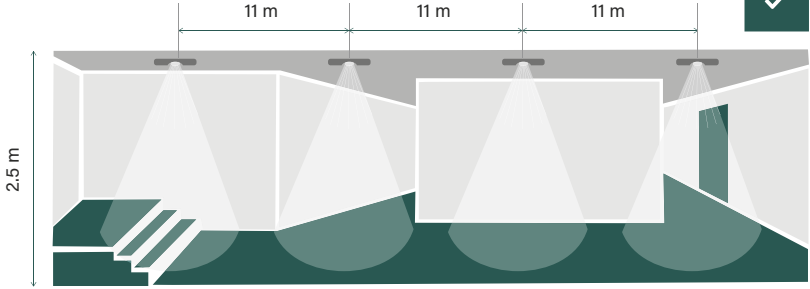
Spacing tables provide photometric data which can be used to help ensure that the emergency lighting system has been designed correctly and meets the required illumination levels. This requires lighting calculation software to be installed or a computer to exploit .ltd files.



Luminaires at points of emphasis (minimum illumination not met)



Additional luminaire to achieve 1 lux minimum



# THE STANDARD FRAMEWORK

## WHERE TO PLACE EMERGENCY LIGHTING<sup>(1)</sup>

### ESCAPE ROUTES AREAS



*Any change of direction*



*Any corridor intersection*



*Outside final exits*



*At stairs so each step receives direct light*



*Any change of floor level*



*Every exit door*



*Non-illuminated exit signs*



*Near each first aid point*



*Manual call point*



*Near each place of fire-fighting equipment*

### ADDITIONAL NON-ESCAPE ROUTE AREAS



*Pedestrian routes in covered car parks*



*Disabled toilets*



*Toilets > 8m<sup>2</sup> without borrowed light*



*Escalators to enable users to safety disembar*



*Areas of refuge*



*Lifts<sup>(2)</sup>*



*Near any safety signs*



*Kitchens*



*First aid rooms*



*Fire alarm control and indicating equipment*



*Plant rooms for generators and control equipment*



*Reception areas*



*Treatment rooms*



*Areas without windows*

**Note:** The term "near" is normally considered to be within 2 meters measured horizontally. These positions need to be illuminated to 5 lux minimum at the reference plane.

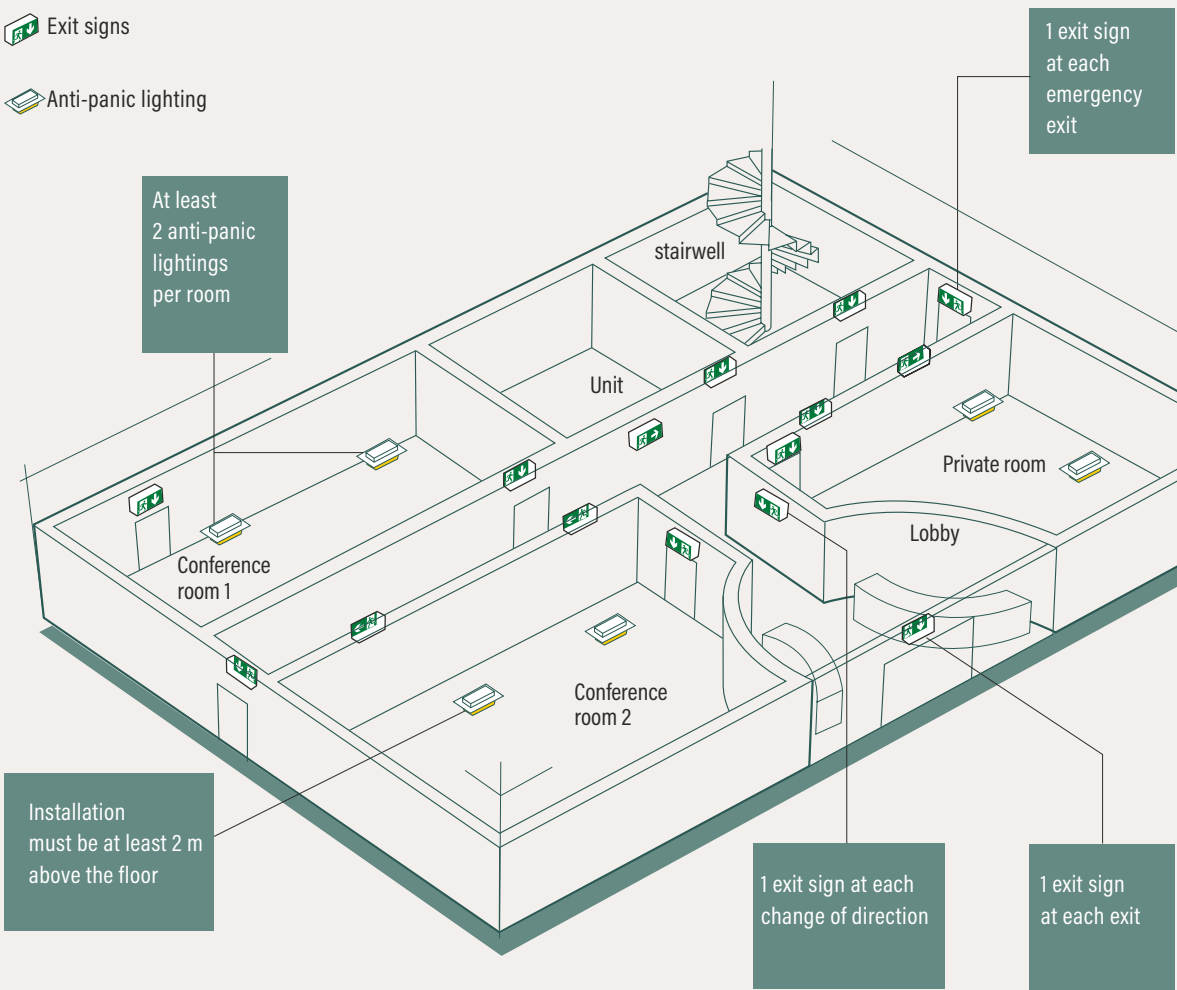
1: Non-exhaustive list

2: Emergency lighting is only required for lifts when they are part of the evacuation plan in the risk assessment

# INSTALLATION EXAMPLE

Exit signs

Anti-panic lighting



# TYPES OF APPLICATION

## APPLICATIONS

- Offices, factories, workshops
- Museums, theaters, cinemas
- Warehouses
- Hotel, restaurants
- Sports fields, stadiums, skating rinks, swimming pools
- Communal areas of apartment buildings
- Corridors
- Open areas, etc.



A commercial space in Portugal is equipped with thousands of addressable URA ONE units from Legrand, ensuring the safety and supervision of the entire building.



A 5-star hotel, located on an island in Greece, chose Legrand to equip its 15.000 m<sup>2</sup> with the black X-Light 360 range, guaranteeing an elegant, modern ambience throughout its installations.

- Car parks
- Outdoor facilities (stadiums, hotels...)
- Metro, train stations



A sports center and its parking lot in Madrid, Spain, is equipped with weatherproof units to meet standards and applications.

- Storage warehouses
- Gymnasiums
- Industrial workshops
- Railway stations
- Entertainment halls
- Cinemas and entertainment theatres



A Belgian railway network uses our range of spotlight units, both indoors and outdoors, to ensure the safe evacuation of its passengers.



## TYPE OF EMERGENCY LIGHTING

### EXIT SIGN



X-light 180 (p. 26)



URA ONE (p. 30)

### ANTI-PANIC



X-light 360 (p. 28)



URA ONE (p. 30)

### WEATHERPROOF



B65<sup>LED</sup> (p. 32)

### SPECIAL USES



Twinspot (p. 34)



Single spot (p. 34)

# RANGES

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X-LIGHT 180

p. 26



X-LIGHT 360

p. 28



URA ONE

p. 30



B65 <sup>LED</sup>

p. 32



SPOTLIGHT <sup>LED</sup>

p. 34



LVS3

p. 36

# X-LIGHT 180

COMPACT AND  
HIGH-PERFORMANCE



## CARACTERISTICS

---

### EMERGENCY DURATION

1, 2 & 3 hours

### TECHNICAL PERFORMANCE

70 to 350 lumens

### RATING

Ingress protection : IP 42 & IP 66

Shock resistance : IK 07 & IK 10

### TEST MODES

Manual & Autotest

### OPERATING MODES

Maintained

Non-Maintained

Maintained/Non-Maintained

### REST MODE

Compatible with our remote control units

*A variety of accessories  
for multiple configurations*

## BENEFITS

- 1 unit for 2 installation modes: surface-mounting or recessed installation in the false ceiling, for better integration
- Optimum safety thanks to different installation modes
- Optional accessory for watertight installation (improved protection in specific environments)



ON THE WALL  
**Surface-mounting**



INTO THE CEILING  
**Surface-mounting**



ON THE CEILING  
**Recessed**

# X-LIGHT 360

## PERFECT INTEGRATION



*In all types of building where  
a discreet solution is required*

### BENEFITS

---

- All-in-one solution: easy installation without accessories
- Directly recessed emergency light
- Maximum protection for fragile suspended ceilings
- High-quality flush-mounted finish to suit a variety of needs
- New design for greater adaptability
- Total discretion for perfect integration
- Suitable for different types of building
- Round recessed model





## CARACTERISTICS

---

### EMERGENCY DURATION

1, 2 & 3 hours

### TECHNICAL PERFORMANCE

100 to 350 lumens

Set to rest mode remotely using remote controls\*

### RATING

Ingress protection: IP 42

Shock resistance: IK 07

### INSTALLATION MODES

Recessed solution

Surface-mounting

On the ceiling

### TEST MODES

Manual & Autotest

### OPERATING MODES

Maintained

Non-Maintained

Maintained/Non-Maintained

### REST MODE

Compatible with our remote control units

### DIMENSIONS

Ø125 mm external

2 mm thickness

42 mm depth

Ø110 mm cut-out

\* Legrand Cat.Nos 0 039 00/0 039 01

# URA ONE

## LED MINIMALISM

### ADDRESSABLE PRODUCT



#### BENEFITS

- Very low-energy consumption
- Removable translucent base (reuse of existing mounting points)
- Compact unit
- Opaline diffuser
- Highly integrated recessed mounting in false ceilings and walls (white & aluminium)
- Surface-mounted top finish with decorative bezel (white & aluminium)
- Flag or suspension mounting possible
- Available in standard, autotest and autotest/addressable versions





## CARACTERISTICS

---

### EMERGENCY DURATION

1, 2 & 3 hours

### TECHNICAL PERFORMANCE

70 to 500 lumens

### RATING

Ingress protection : IP 42

Shock resistance : IK 07

### TEST MODES

Manual, Autotest & Addressable

### OPERATING MODES

Non-Maintained

Maintained/Non-Maintained

### REST MODE

Compatible with our remote control units

### DIMENSIONS

210 mm x 110 mm x 41 mm

# B65 LED

## THE WEATHERPROOF STAND-ALONE UNIT

### BENEFITS

---

- Built to endure harsh environments (rain, snow, dust, extreme temperatures), ideal for indoor and outdoor use
- Provides up to 500 lumens, ensuring clear visibility during emergencies, in various environments
- Designed for surface, wall or ceiling mounting

### APPLICATIONS

Parking  
Stadium (outside)  
Hotel (outside)  
Metro  
Train station





## CARACTERISTICS

---

### EMERGENCY DURATION

1 hour & 3 hours

### TECHNICAL PERFORMANCE

100 to 350 lumens

### RATING

Ingress protection : IP 65

Shock resistance : IK 07

### TEST MODES

Manual, Autotest & Addressable

### OPERATING MODES

Maintained

Non-Maintained

Maintained/Non-Maintained

### REST MODE

Compatible with our remote control units

### DIMENSIONS

280 mm x 120 mm x 59,7 mm

# SPOTLIGHT <sup>LED</sup>

A SPECIFIC RANGE DESIGNED TO PROVIDE POWERFUL **EMERGENCY LIGHTING** TO COVER LARGE HALLS WITH HIGH CEILINGS



*Single spot*



*Twinspot*

## BENEFITS

---

- Metal plate and brackets ensure installation on any support without distortion risks
- Innovative mounting holes simplify positioning without a drilling template
- A "TEST" button for manual testing without power supply
- Designed for effortless handling and installation, even on high ceilings
- Adjustable headlights allow installation on any support and in any position (vertical, horizontal, or upside down)

## CARACTERISTICS

---

### EMERGENCY DURATION

1 & 2 hours

### TECHNICAL PERFORMANCE

1000 to 2500 lumens

### RATING

Ingress protection : IP 65

Shock resistance : IK 07

### TEST MODES

Manual, Autotest & Addressable

### OPERATING MODES

Non-Maintained

### DIMENSIONS

Single spot: 137 mm x 40.8 mm x 66.5 mm

Twinspot: 240 mm x 285.5 mm x 93.5 mm

### REST MODE

Compatible with our remote control units



# LVS3

AVAILABLE SOON

## NEW ADDRESSABLE CONTROL UNIT



*A solution designed for easier management of the entire building*

Much more than a simple emergency lighting management tool: a complete solution that integrates commissioning, easy maintenance and remote monitoring with real-time alerts.

### BENEFITS

- **Dashboard:** Unique for all sites, ergonomic and intuitive
- **Cybersecurity:** Ensures complete data encryption and compliance with the highest cybersecurity standards
- **Accessibility:** Application accessible from any device
- **Operation:** Maintenance management directly on plans

## MULTI-SITE SUPERVISION

---

This ergonomic and intuitive application enables users to view the status of all sites, and to:

- Access a dashboard for each site
- View product status directly on site plans
- Identify product defect types
- Receive maintenance assistance
- Program and archive test reports
- Receive e-mail notifications of system alerts

## A WEB-APPLICATION

---

This application can be accessed from any computer, tablet or smartphone connected to the central unit's network, using a web browser (web server integrated into the central unit).

It can be used to configure, operate and maintain the site's emergency lighting installations.

## DIRECT OPERATION ON PLANS

---

Through simple, accessible management, operation enables you to:

- Import and associate plans\* for each zone of the site
- Position units on plans to locate them
- Navigate through floor plans
- Access additional functionalities for each unit

\*Compatible with the different plan formats available on the market.




## CYBERSECURITY

---

Thanks to advanced security standards and protocols, the system guarantees complete encryption of network exchanges and traffic, as well as sensitive data within the control unit.



## Select your emergency lighting luminaires

INDOOR SELF-CONTAINED EMERGENCY LIGHTING LUMINAIRES												
	OPERATING MODE		IP	IK	DURATION	LUMEN OUTPUT RANGE	BATTERY TYPE	LIGHTING SOURCE	Cat.Nos			
	NM <sup>(1)</sup>	M <sup>(1)</sup>							Standard	Autotest / Addressable LVS3		
<b>X-LIGHT 180 (p. 41)</b>												
	Yes	-	42	07	1 h	70 lm	Ni-Cd	LED	6 600 51	-		
	Yes	Yes					Ni-Cd	LED	6 600 71	-		
	Yes	-				100 lm	Ni-Cd	LED	6 600 52	-		
	Yes	Yes					Ni-Cd / Ni-MH	LED	6 600 72	6 601 52		
	Yes	Yes				160 lm	Ni-MH	LED	-	6 601 40		
	Yes	-				200 lm	Ni-Cd / Ni-MH	LED	6 600 54	6 601 54		
	Yes	Yes			Ni-Cd		LED	6 600 74	-			
	Yes	Yes			350 lm	Ni-Cd / Ni-MH	LED	6 600 75	6 601 55			
	Yes	-				2 h	200 lm	Ni-MH	LED	6 600 57	6 601 57	
	Yes	Yes			Ni-MH		LED	6 600 77	-			
	Yes	-			3 h	100 lm	Ni-Cd	LED	6 600 59	-		
	Yes	Yes					Ni-Cd / Ni-MH	LED	6 600 79	6 601 41		
								○ White	● Black	○ White	● Black	
<b>X-LIGHT 360 (p. 38)</b>												
	Yes	-	42	07	1 h	100 lm	Ni-Cd	LED	6 600 32	6 600 32BK	-	-
	Yes	Yes					Ni-Cd / Ni-MH	LED	6 600 42	6 600 42BK	6 601 42	6 601 42BK
	Yes	Yes				200 lm	Ni-Cd	LED	6 600 44	6 600 44BK	-	-
	Yes	Yes			350 lm	Ni-MH	LED	6 600 45	6 600 45BK	6 601 45	6 601 45BK	
	Yes	Yes			2 h	200 lm	Ni-MH	LED	6 600 47	6 600 47BK	6 601 47	6 601 47BK
	Yes	Yes			3 h	100 lm	Ni-Cd	LED	6 600 48	6 600 48BK	6 601 46	6 601 46BK
<b>URA ONE (p. 39)</b>												
	Yes	-	42	07	1 h	70 lm	Ni-Cd	LED	6 616 20	-		
	Yes	-					100 lm	Ni-Cd	LED	6 616 21	6 606 21	
	Yes	Yes				Ni-Cd		LED	6 616 31	6 626 31 <sup>(2)</sup>		
	Yes	-				160 lm	Ni-Cd	LED	6 616 22	-		
	Yes	Yes					Ni-Cd	LED	6 616 32	-		
	Yes	-				200 lm	Ni-Cd	LED	6 616 23	6 606 23		
	Yes	Yes			Ni-Cd		LED	6 616 33	6 626 33 <sup>(2)</sup>			
	Yes	-			350 lm	Ni-Cd	LED	6 616 24	6 606 24			
	Yes	Yes				Ni-Cd / Ni-MH	LED	6 616 34	6 626 34 <sup>(2)</sup>			
	Yes	-			500 lm	Ni-Cd	LED	6 616 25	6 606 25			
	Yes	Yes				Ni-Cd	LED	6 616 35	-			
	Yes	Yes			3 h	100 lm	Ni-MH	LED	6 616 40	6 626 40 <sup>(2)</sup>		

1: NM: Non-maintained; N: Maintained  
2: Addressable




## Select your emergency lighting luminaires

### INDOOR SELF-CONTAINED EMERGENCY LIGHTING LUMINAIRES (CONTINUED)


	OPERATING MODE		IP	IK	DURATION	LUMEN OUTPUT RANGE	BATTERY TYPE	LIGHTING SOURCE	Cat.Nos	
	NM <sup>(1)</sup>	M <sup>(1)</sup>							Standard	Autotest / Addressable LVS3

### WEATHERPROOF SELF-CONTAINED EMERGENCY LIGHTING LUMINAIRES


#### B65LED (p. 42)

	Yes	-	65	07	1 h	100 lm	Ni-Cd	LED	6 614 26	6 604 26
	Yes	Yes					Ni-Cd	LED	6 614 31	6 624 31 <sup>(2)</sup>
	Yes	-				200 lm	Ni-Cd	LED	6 614 27	6 604 27
	Yes	Yes					Ni-Cd	LED	6 614 33	6 624 33 <sup>(2)</sup>
	Yes	-				350 lm	Ni-Cd ; Ni-MH	LED	6 614 28	6 604 28
	Yes	Yes					Ni-Cd ; Ni-MH	LED	6 614 34	6 624 34 <sup>(2)</sup>
	Yes	-				500 lm	Ni-Cd	LED	6 614 29	6 604 29
	Yes	Yes				3 h	100 lm	Ni-MH	LED	6 614 40

### SINGLE SPOT

	OPERATING MODE			IP	IK	DURATION	LUMEN OUTPUT RANGE	BATTERY TYPE	LIGHTING SOURCE	Cat.Nos	
	NM <sup>(1)</sup>	M <sup>(1)</sup>	C/S <sup>(1)</sup>							Standard	Autotest / Addressable LVS3
	Yes	-	-	65	07	1 h	1000 lm	Lithium LFP	LED	6 614 60	6 604 60

### TWINSPO

	OPERATING MODE			IP	IK	DURATION	LUMEN OUTPUT RANGE	BATTERY TYPE	LIGHTING SOURCE	Cat.Nos	
	NM <sup>(1)</sup>	M <sup>(1)</sup>	C/S <sup>(1)</sup>							Standard	Autotest / Addressable LVS3
	Yes	-	-	65	07	1 h	1500 lm	Lithium LFP	LED	6 614 62	6 604 62
	Yes	-	-				2500 lm	Lithium LFP	LED	6 614 63	6 604 63
	Yes	-	-			2 h	1500 lm	Lithium LFP	LED	-	6 604 65
	Yes	-	-			1 h	2500 lm	Lithium LFP	LED	-	6 624 63 <sup>(2)</sup>

1: NM: Non-maintained; N: Maintained; M: Maintained; C/S: Combined / Sustained  
2: Addressable

## X-light 180

indoor self-contained emergency lighting luminaire LED



6 600 51



6 600 53

### Technical characteristics p. 40

LED non-maintained and maintained units  
 Certified to IEC and EN 60598-2-22 standards  
 Automatic terminals with capacity: 1 x 2.5 mm<sup>2</sup>  
 IP 42 - IK 07  
 Duration: 1, 2 and 3 hours. Ni-Cd or Ni-MH batteries  
 Charge monitor with a green LED. Opal diffuser  
 Power supply: 230 V $\sim$   $\pm$  10 % - 50/60 Hz. Class II  $\square$   
 Surface-mounting on wall or ceiling and flush-mounting integration with  
 accessory Cat.No 6 601 95

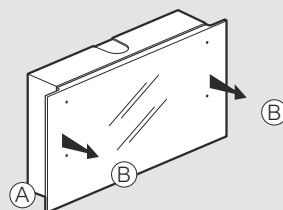
Pack	Cat.Nos	Standard luminaires
		Require normal lighting manual switching OFF in order test emergency lighting
		<b>Non-maintained</b>
1	6 600 51	70 lm - 1 h (LEDs)
1	6 600 52	100 lm - 1 h (LEDs)
1	6 600 53	100 lm - 1 h (LEDs) supplied with labels
1	6 600 59	100 lm - 3 h (LEDs)
1	6 600 60	100 lm - 3 h (LEDs) supplied with labels
1	6 600 54	200 lm - 1 h (LEDs)
1	6 600 57	200 lm - 2 h (LEDs)
		<b>Maintained/Non-maintained (M/NM)</b>
		Can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 600 71	70 lm - 1 h (LEDs)
1	6 600 72	100 lm - 1 h (LEDs)
1	6 600 79	100 lm - 3 h (LEDs)
1	6 600 80	100 lm - 3 h (LEDs) supplied with labels
1	6 600 74	200 lm - 1 h (LEDs)
1	6 600 77	200 lm - 2 h (LEDs)
1	6 600 75	350 lm - 1 h (LEDs)
		<b>Autotest luminaires</b>
		Autotest luminaires incorporate an automatic self-testing system in order to check the emergency mode Tests result is visible on 2 signalling LEDs (green-OK and yellow-defective) Rest mode via non-polarised remote control Cat.Nos 0 039 00 or 0 039 01 (p. 47) (no wiring direction)
		<b>Non-maintained</b>
1	6 601 54	200 lm - 1 h (LEDs)
1	6 601 57	200 lm - 2 h (LEDs)
		<b>Maintained/Non-maintained (M/NM)</b>
		Can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 601 52	100 lm - 1 h (LEDs)
1	6 601 41	100 lm - 3 h (LEDs)
1	6 601 40	160 lm - 1 h (LEDs)
1	6 601 55	350 lm - 1 h (LEDs)
		<b>Accessories</b>
		<b>Weatherproof backbox</b> IP 66 IK 10
1	6 601 91	
		<b>Vertical signalling plate</b> Vertical transparent plate for evacuation signalling (must be completed with adhesive evacuation label)
1	6 601 93	
		<b>Flush-mounting frame</b> For ceiling flush-mounting
1	White 6 601 95   Black 6 601 95BK	

## X-light 180

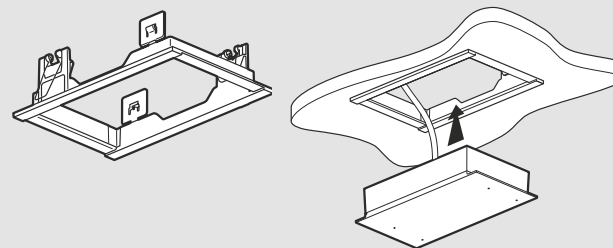
indoor self-contained emergency lighting luminaires

### Installation

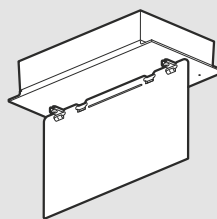
Surface-mounting



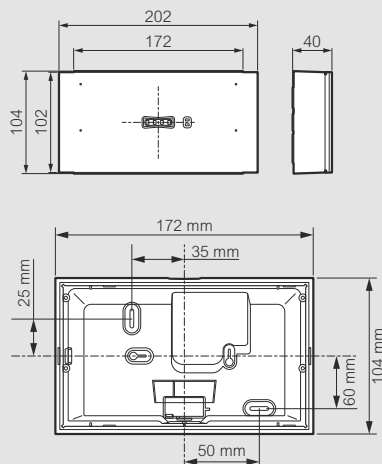
Flush-mounting with frame Cat.No 6 601 95



With vertical signalling plate Cat.No 6 601 93

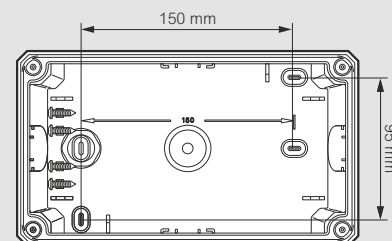
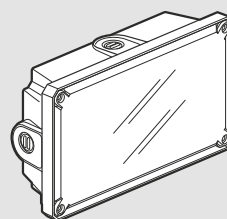


### Dimensions (mm)



### Accessories

Weatherproof backbox



## X-light 360

indoor self-contained emergency lighting luminaire LED



6 600 32



6 600 32 + 6 601 93 + 6 616 70

Spare batteries selection chart p. 46

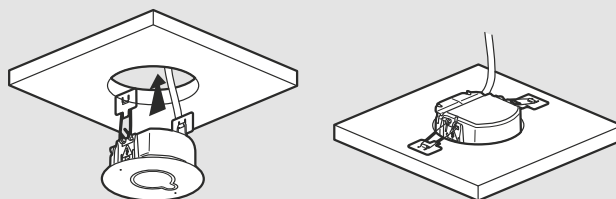
LED non-maintained and maintained units  
 Certified to IEC and EN 60598-2-22 standards  
 Automatic terminals with high capacity: 2 x 2.5 mm<sup>2</sup>  
 IP 42 - IK 07  
 Duration: 1 to 3 hours. Ni-Cd or Ni-MH batteries  
 Charge monitor with a green LED. Opal diffuser  
 Power supply: 230 V $\sim$   $\pm$  10 % - 50/60 Hz. Class II  $\square$   
 Ceiling flush-mounting

Pack	Cat.Nos		Standard luminaires
1	White 6 600 32	Black 6 600 32BK	Require normal lighting manual switching off in order test emergency lighting <b>Non-maintained</b> 100 lm - 1 h (LEDs) <b>Maintained/Non-maintained (M/NM)</b> Can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 600 42	6 600 42BK	100 lm - 1 h (LEDs)
1	6 600 48	6 600 48BK	100 lm - 3 h (LEDs)
1	6 600 44	6 600 44BK	200 lm - 1 h (LEDs)
1	6 600 47	6 600 47BK	200 lm - 2 h (LEDs)
1	6 600 45	6 600 45BK	350 lm - 1 h (LEDs)
<b>Autotest luminaires</b>			
Autotest luminaires incorporate an automatic self-testing system in order to check the emergency mode Tests result is visible on 2 signalling LEDs (green-OK and yellow-defective) Rest mode via non-polarised remote control Cat.Nos 0 039 00 or 0 039 01 (no wiring direction)			
<b>Maintained/Non-maintained (M/NM)</b> Can also operate in Non-maintained mode according to the wiring of normal lighting			
1	White 6 601 42	Black 6 601 42BK	100 lm - 1 h (LEDs)
1	6 601 46	6 601 46BK	100 lm - 3 h (LEDs)
1	6 601 47	6 601 47BK	200 lm - 2 h (LEDs)
1	6 601 45	6 601 45BK	350 lm - 1 h (LEDs)
<b>Accessory</b>			
1	6 601 93		<b>Vertical signalling plate</b> Vertical transparent plate for evacuation signalling (must be completed with adhesive evacuation label)

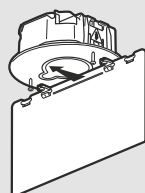
## X-light 360

indoor self-contained emergency lighting luminaires

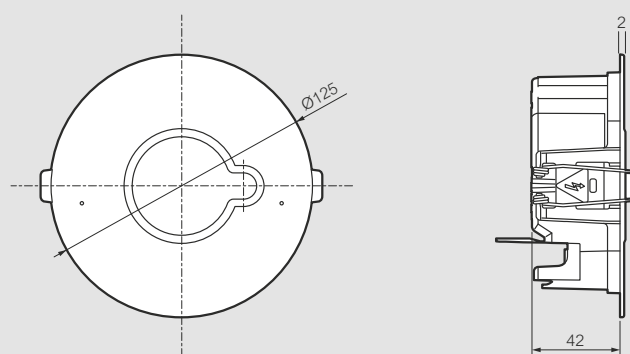
### Installation Flush-mounting



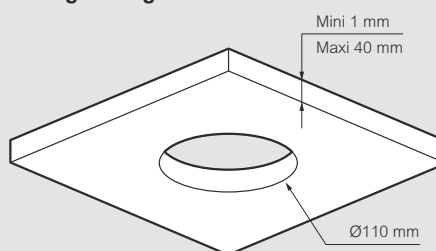
### With vertical signalling plate Cat.No 6 601 93



### Dimensions (mm)



### Ceiling cutting



# URA ONE

## indoor self-contained emergency lighting luminaire LED



Spare batteries selection chart **p. 46**  
 Technical characteristics **p. 43**  
 Adhesive labels **p. 46**

LED non-maintained and maintained units. Certified to IEC and EN 60598-2-22 standards  
 High power LEDs with optimized lighting distribution  
 Low consumption switching power supply. Fully recyclable  
 Plug-in back with pre-cutted holes grid to ease installation and maintenance  
 Automatic terminals with high capacity: 2 x 2.5 mm<sup>2</sup>. IP 42 - IK 07  
 Duration: 1 and 3 hours. Ni-Cd or Ni-MH batteries. Recharge time: 24 hours  
 Charge monitor with a green LED. Opal diffuser  
 Power supply: 230 V $\sim$   $\pm$  10 % - 50/60 Hz. Class II  $\square$   
 Flat flush-mounting integration into ceiling & wall with flush-mounting frame Cat.Nos 6 616 50/51  
 Decorative frame to enhance surface-mounting aesthetic integration Cat.Nos 6 616 54/55

Pack	Cat.Nos	Standard luminaires
		Require normal lighting manual switching OFF in order test emergency lighting
		<b>Non-maintained</b>
1	6 616 20	70 lm - 1 h (LEDs)
1	6 616 21	100 lm - 1 h (LEDs)
1	6 616 22	160 lm - 1 h (LEDs)
1	6 616 23	200 lm - 1 h (LEDs)
1	6 616 24	350 lm - 1 h (LEDs)
1	6 616 25	500 lm - 1 h (LEDs)
		<b>Maintained/Non-maintained (M/NM)</b>
		Can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 616 31	100 lm - 1 h (LEDs)
1	6 616 32	160 lm - 1 h (LEDs)
1	6 616 33	200 lm - 1 h (LEDs)
1	6 616 34	350 lm - 1 h (LEDs)
1	6 616 35	500 lm - 1 h (LEDs)
1	6 616 40	100 lm - 3 h (LEDs)
		<b>Autotest luminaires</b>
		Incorporate an automatic self-testing system in order to check the emergency mode
		<b>Non-maintained</b>
1	6 606 21	100 lm - 1 h (LEDs)
1	6 606 23	200 lm - 1 h (LEDs)
1	6 606 24	350 lm - 1 h (LEDs)
1	6 606 25	500 lm - 1 h (LEDs)

Pack	Cat.Nos	Autotest & addressable luminaires - Maintained/Non-maintained (M/NM)
		Autotest/addressable luminaires incorporate an automatic self-testing system in order to check the emergency mode Tests result is visible on 2 signalling LEDs (green-OK and yellow-defective) Addressable function is activated by setting an ID on each luminaire with infrared configuration tool (Cat.No 0 626 10) and wiring a complementary BUS line Operating state of all addressable luminaires can be centralized by the control interface (Cat.No 0 626 00) and monitored on a local touch screen controller (Cat.No 0 626 01), or with the building's plan on Legrand Vision System (LVS3) PC software (Cat.No 0 626 02) These Maintained luminaires can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 626 31	100 lm - 1 h (LEDs)
1	6 626 33	200 lm - 1 h (LEDs)
1	6 626 34	350 lm - 1 h (LEDs)
1	6 626 40	100 lm - 3 h (LEDs)

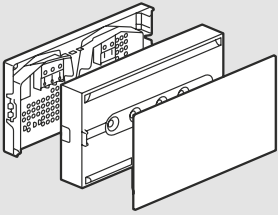
Pack	Cat.Nos	Accessories
		<b>Decorative frame for surface-mounting installation</b>
1	6 616 54	White colour
1	6 616 55	Aluminium colour
		<b>Slim flush-mounting frame for false ceiling and dry partition</b>
1	6 616 50	White colour
1	6 616 51	Aluminium colour
		<b>Flag-mounting accessory</b>
1	6 616 58	White colour
1	6 616 59	Aluminium colour
		<b>Suspension mounting accessory</b>
1	6 616 62	White colour
1	6 616 63	Aluminium colour
		<b>Signalling plate</b>
1	6 616 64	Vertical transparent plate for evacuation signalling (must be completed with adhesive evacuation label)
		<b>Flush-mounting frame</b>
1	6 616 65	Special frame with vertical signalling plate

# URA ONE

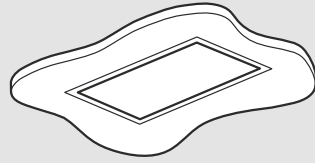
## indoor self-contained emergency lighting luminaire

### Installation

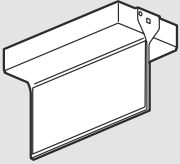
Surface-mounting



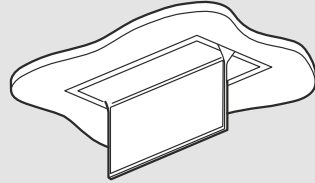
Flush-mounting with slim frame  
Cat.Nos 6 616 50/51



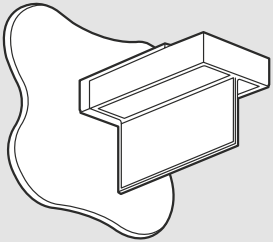
Surface-mounting with  
vertical signalling plate  
Cat.No 6 616 64



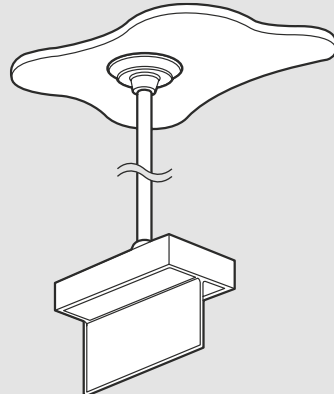
Flush-mounting with vertical  
signalling plate Cat.No 6 616 65



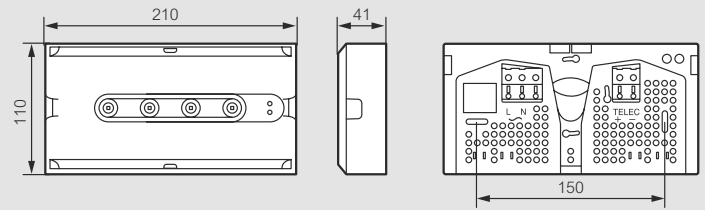
Flag-mounting with accessories  
Cat.Nos 6 616 58/59



Suspension mounting with  
accessories Cat.Nos 6 616 62/63

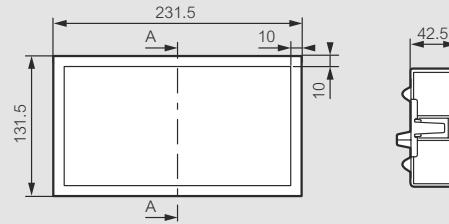


### Dimensions (mm)

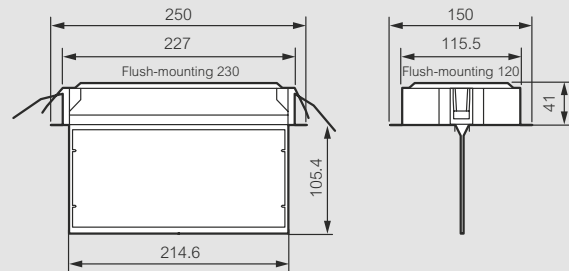


### Accessories

Flush-mounting with slim frame Cat.Nos 6 616 50/51



Special flush-mounting with vertical signalling plate Cat.No 6 616 65



## B65<sup>LED</sup>

weatherproof self-contained emergency lighting luminaire LED



6 614 33

Spare batteries selection chart **p. 46**  
Labels **p. 46**

Weatherproof LED maintained and non-maintained units  
Certified to IEC and EN 60598-2-22 standards

High power LEDs

IP 65 - IK 07

Plug-in base to ease fixing, cabling and connection

Duration: 1 and 3 hours

Ni-Cd or Ni-MH batteries

Recharge time: 24 hours

Charge monitor with a green LED

Power supply: 230 V ± 10 % - 50/60 Hz

Class II

High-capacity screw terminals (2 x 2.5 mm<sup>2</sup>)

3 flexible cable entries for Ø16, 20 and 25 mm tubes

Can be equipped with metallic protection grids Cat.Nos 0 626 90/92 (p. 46)

Pack	Cat.Nos	Standard luminaires
		Standard luminaires require normal lighting manual switching OFF in order to test emergency lighting
		<b>Non-maintained</b>
1	6 614 26	100 lm - 1 h (LEDs)
1	6 614 27	200 lm - 1 h (LEDs)
1	6 614 28	350 lm - 1 h (LEDs)
1	6 614 29	500 lm - 1 h (LEDs)
		<b>Maintained/Non-maintained (M/NM)</b>
		Can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 614 31	100 lm - 1 h (LEDs)
1	6 614 33	200 lm - 1 h (LEDs)
1	6 614 34	350 lm - 1 h (LEDs)
1	6 614 40	100 lm - 3 h (LEDs)

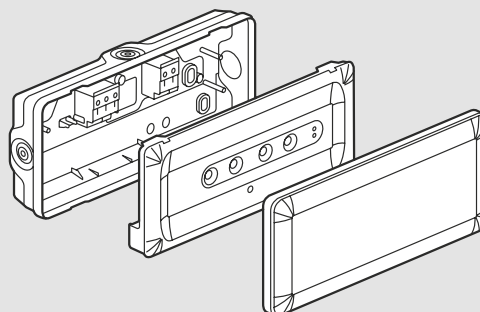
Pack	Cat.Nos	Autotest luminaires
		Incorporate an automatic self-testing system in order to check the emergency mode
		<b>Non-maintained</b>
1	6 604 26	100 lm - 1 h (LEDs)
1	6 604 27	200 lm - 1 h (LEDs)
1	6 604 28	350 lm - 1 h (LEDs)
1	6 604 29	500 lm - 1 h (LEDs)

Pack	Cat.Nos	Autotest & addressable luminaires - Maintained/Non-maintained (M/NM)
		Autotest/addressable luminaires incorporate an automatic self-testing system in order to check emergency lighting
		Tests result is visible on 2 signalling LEDs (green-OK and yellow-defective)
		Addressable function is activated by setting an ID on each luminaire with configuration tool (Cat.No 0 626 10) and wiring a complementary BUS line
		Operating state of all addressable luminaires can be centralized by the control interface (Cat.No 0 626 00) and monitored on a local touch screen controller (Cat.No 0 626 01), or with the building's plan on Legrand Vision System (LVS3)
		PC software Cat.No 0 626 02
		These Maintained luminaires can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 624 31	100 lm - 1h (LEDs)
1	6 624 33	200 lm - 1h (LEDs)
1	6 624 34	350 lm - 1h (LEDs)
1	6 624 40	100 lm - 3h (LEDs)

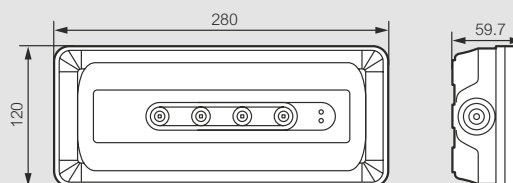
## B65<sup>LED</sup>

weatherproof self-contained emergency lighting luminaire LED

### ■ Surface-mounting installation



### ■ Dimensions (in mm)



## Single spot and twin spot emergency lighting luminaires N

## Single spot and twin spot emergency lighting luminaires

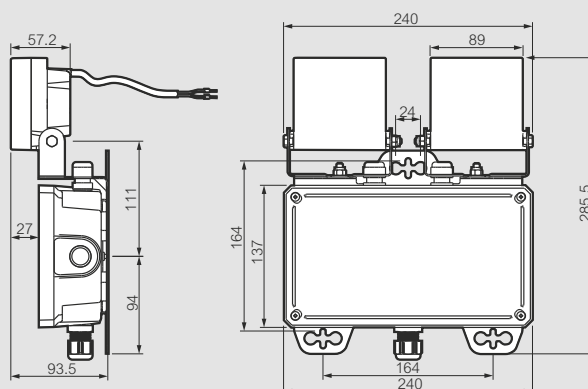


High performance LED non maintained emergency lighting luminaires  
 Certified to IEC and EN 60598-2-22 standards  
 High power LEDs spotlights with optimized lighting distribution  
 Low consumption electronic switching power supply  
 High capacity terminals: 2 x 2.5 mm<sup>2</sup>  
 IP 55 - IK 07  
 Duration: 1, 2 and 3 hours  
 Ni-Cd batteries  
 Recharge time: 24h  
 Green charge indicator with high luminosity LED, to improve visibility from the floor when high installation  
 Power supply: 230 V~ ± 10 % - 50/60 Hz  
 Class II   
 Rest mode with remote control device Cat.No 0 039 01 (p. 47) to avoid battery discharge in case of voluntary power cut  
 Surface-mounting installation with 4 wall-mounting lugs (Cat.No 0 358 02, supplied) or 4 screws (not supplied)

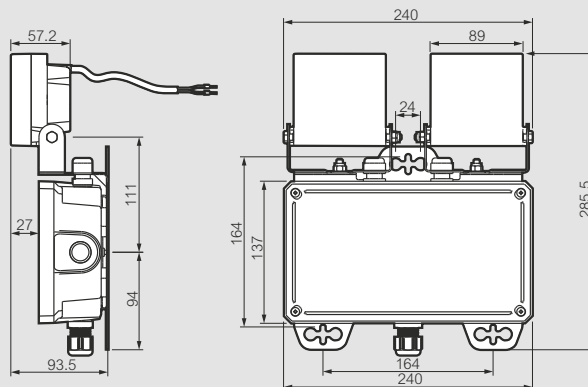
Pack	Cat.Nos	Standard Spotlight LED luminaires - Non-Maintained (NM)
1	6 614 60	Require normal lighting manual switching OFF, in order to test emergency lighting mode Single Spot - 2 x 500 lm - 1 h
1	6 614 62	Twinspot - 2 x 750 lm - 1 h
1	6 614 63	Twinspot - 2 x 1250 lm - 1 h
Autotest Spotlight LED luminaires - Non-Maintained		
1	6 604 60	Single Spot - 2 x 500 lm - 1 h
1	6 604 62	Twinspot - 2 x 750 lm - 1 h
1	6 604 63	Twinspot - 2 x 1250 lm - 1 h
1	6 604 65	Twinspot - 2 x 750 lm - 2 h
Autotest & addressable Spotlight LED luminaire - Non-Maintained (NM)		
1	6 624 63	Incorporates an automatic self-testing system that checks periodically the emergency lighting function: - weekly test of emergency lighting mode - quarterly test of battery duration Tests result is visible via 2 signalling LEDs (green = OK and yellow = defective) on the luminaire Addressable function is activated by setting an ID on each luminaire with infrared configuration tool (Cat.No 0 626 10) and wiring a complementary BUS line Operating state of all addressable luminaires can be centralized by the control interface Cat.No 0 626 00 and monitored on a local touch screen controller (Cat.No 0 626 01), or with the building's plan on Legrand Vision System (LVS3) PC software Twinspot - 2 x 1250 lm - 1 h

### ■ Dimensions

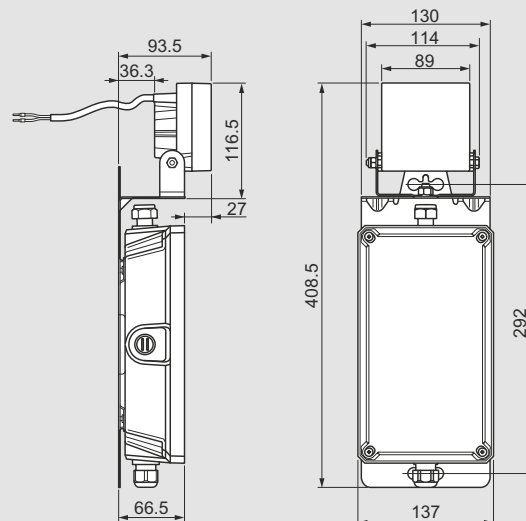
Cat.Nos 6 614 62/63



Cat.Nos 6 604 62/63/65 and 6 624 52/63



Cat.Nos 6 614 60/6 604 60





0 608 94

Pack	Cat.Nos	LED portable safety lamps
1	0 607 97	<b>Indoor LED portable lamp</b> Manual switching ON/OFF with 3 lighting levels: - 20 lm / 3 h duration - 40 lm / 1 h 30 duration - 60 lm / 1 h duration Lithium-ion built-in battery pack Supplied with separate 12 V DC battery charger and mains connector Power supply: 230 V +/- 10 % - 50/60 Hz IP 40 - IK 07 Class III
1	0 608 94	<b>Weatherproof LED portable safety lamp</b> Specially designed for safety interventions in electrical rooms 120° rotating handle 2 operating modes: - automatic changeover to emergency lighting when mains supply interruption - manual switching of emergency lighting after mains supply interruption Manual selection of lighting mode on push-button: - full power illumination 100 lumens / 1 h duration - half power illumination 45 lumens / 3 h duration - flashing - OFF 2 installation modes with docking station: wall-mounting or freestanding Magnetic fixing system on the back of the lamp Locating flashing LED when black-out Electronic anti-theft function Ni-Cd built-in battery pack IP 55 - IK 08 Power supply (for docking station): 230 V +/- 10 % - 50/60 Hz Low power consumption: 1.3 W Class III (lamp only) Plug-in terminal block for fixed power supply wiring Also delivered with AC power cord

Lamps		
Lamps - E10		
25	0 609 28	12 V - 0.25 A - 3 W (E 10)
10	0 609 29	6 V - 0.9 A - 5.5 W (E 10)
25	0 609 31	3.6 V - 1 A - 3.6 W (E 10)

Metallic protection grids		
1	0 626 90	Shock resistance: 20 joules Fastening holes on 4 sides For IP 43 emergency lighting luminaires LED

IK 20 vandal resistant grid		
1	0 626 92	For IP 43 and IP 66 emergency lighting luminaires LED High shock resistance: 50 joules Particularly suitable for protecting lighting luminaires in parking lots and buildings subject to vandalism Double fixing system via: - wall-mounting base, to be mounted on metallic frame with 4 metallic wall plugs - locking of the grid on metallic frame with vandal resistant screws requiring the use of tool Cat.No 0 609 10 (not supplied)



0 612 00

Pack	Cat.Nos	Adhesive labels for X-Light 360, X-Light 180, URA ONE, U21 <sup>LED</sup> and B65 <sup>LED</sup> ranges
5	6 616 70	100 x 200 mm
5	6 616 71	100 x 200 mm
5	6 616 72	100 x 200 mm
5	6 616 80	<b>EXIT</b> 100 x 200 mm
5	6 616 82	<b>SALIDA</b> 100 x 200 mm
5	6 616 83	<b>SALIDA DE EMERGENCIA</b> 100 x 200 mm
5	6 616 84	<b>IRTEERA</b> 100 x 200 mm
5	6 616 85	<b>SORTIDA</b> 100 x 200 mm
5	6 616 88	<b>NO EXIT</b> 100 x 200 mm
5	6 616 89	<b>SIN SALIDA</b> 100 x 200 mm
5	6 616 90	100 x 200 mm
5	6 616 91	100 x 200 mm



## Emergency lighting remote controls

for autotest luminaires



0 039 00



0 039 01

Pack	Cat.Nos	
1	0 039 00	<p><b>Non-polarised multi-function remote control</b></p> <p>Used to control setting to rest mode of the whole emergency lighting installation from a single point if mains power is absent</p> <p>For sleeping accommodation:</p> <ul style="list-style-type: none"> <li>- automatically sets the self-contained emergency lighting unit evacuation function to rest mode if there is a break in the main power supply</li> <li>- switches ON the self-contained emergency lighting unit evacuation function if there is a general alarm</li> </ul> <p>Local signalling of fire alarm activation by a red LED</p> <p>Used to:</p> <ul style="list-style-type: none"> <li>- with a single remote action, switch OFF the normal lighting and set the self-contained emergency lighting units to rest mode with a key-operated switch</li> <li>- automatically set the units to rest mode if the lighting is switched OFF by the automation device</li> <li>- set to rest mode part of an installation containing several operating zones</li> </ul> <p>Possible to test that the units switch ON without switching OFF the normal lighting</p> <p>Capacity 600 units, above this a remote control Cat.No 039 00 must be added in cascade</p> <p>Standby power when mains power absent: 2 months</p> <p>SELV remote control output voltage</p> <p>Takes 4 modules</p> <p>230 V~ - 50 Hz power supply</p> <p>Fixing on  rail</p>
1	0 039 01	<p><b>Non-polarised standard remote control</b></p> <p>Used to control setting to rest mode of an emergency lighting installation from a single point if mains power is absent</p> <p>Possible to test that the units switch ON without needing to switch OFF the normal lighting</p> <p>Staggered test times</p> <p>Capacity 600 units</p> <p>Takes 4 modules</p> <p>230 V~ - 50 Hz power supply</p> <p>Fixing on  rail</p>

## LVS3 (Legrand Vision System)

addressable and monitoring system



0 661 00

Pack	Cat.Nos	
1	0 661 00	<p><b>Control interface for autotest/addressable luminaires</b></p> <p>Centralises the operating state of addressable emergency lighting luminaires</p> <p>Communication between the addressable luminaires and the control interface is carried out via a BUS line</p> <p>Capacity:</p> <ul style="list-style-type: none"> <li>Direct connection of 250 addressable luminaires to the control interface (star configuration or series connection)</li> </ul> <p>The longest line is limited to 700 m</p> <p>Extension via repeater Cat. No 0 626 03 for more than 250 addressable luminaires or a line longer than 700 m</p> <p>Maximum capacity of the central control panel: 1023 addressable luminaires</p> <p>Configuration software included (control interface settings and ID configuration for addressable luminaires)</p> <p>To be completed with at least one of the following terminals:</p> <ul style="list-style-type: none"> <li>PC with monitoring software Cat. No 0 626 02</li> <li>Touch screen controller Cat. No 0 626 01</li> <li>PC with internet navigator (limited functions)</li> </ul> <p>Connections:</p> <ul style="list-style-type: none"> <li>RJ 45 socket for IP network terminals for RS 232 and RS 485</li> <li>Mini USB for PC local settings</li> </ul> <p>Power supply: 230 V~ - 50/60 Hz</p> <p>Ni-Cd battery: 8.4 V - 0.15 Ah</p>

# Self-contained emergency lighting luminaires

spare batteries

CURRENT EMERGENCY LIGHTING LUMINAIRES	
Emergency lighting luminaire Cat.No	Spare part battery Cat.No
<b>X-LIGHT 180</b>	
6 600 51	6 601 80
6 600 52	6 601 80
6 600 53	6 601 80
6 600 54	6 601 81
6 600 57	6 601 84
6 600 59	6 601 81
6 600 60	6 601 81
6 600 71	6 601 80
6 600 72	6 601 80
6 600 74	6 601 81
6 600 75	6 601 84
6 600 77	6 601 84
6 600 79	6 601 81
6 600 80	6 601 81
6 601 40	6 601 83
6 601 41	6 601 83
6 601 52	6 601 82
6 601 54	6 601 83
6 601 55	6 601 84
6 601 57	6 601 84

CURRENT EMERGENCY LIGHTING LUMINAIRES	
Emergency lighting luminaire Cat.No	Spare part battery Cat.No
<b>X-LIGHT 360</b>	
6 600 32	6 601 80
6 600 42	6 601 80
6 600 44	6 601 81
6 600 45	6 601 84
6 600 47	6 601 84
6 600 48	6 601 81
6 601 42	6 601 82
6 601 44	6 601 83
6 601 45	6 601 84
6 601 46	6 601 83
6 601 47	6 601 84
<b>URA ONE</b>	
6 606 21	0 610 87
6 606 23	0 610 92
6 606 24	6 609 72
6 606 25	6 609 71
6 616 20	0 610 87
6 616 21	0 610 92
6 616 22	6 609 72
6 616 23	6 609 72
6 616 24	6 609 62
6 616 25	6 609 71
6 616 31	0 610 92
6 616 32	6 609 72
6 616 33	6 609 72
6 616 34	6 609 62
6 616 35	6 609 71
6 616 40	6 609 71
6 626 31	6 609 72
6 626 33	6 609 62
6 626 34	6 609 71
6 626 40	6 609 71

CURRENT EMERGENCY LIGHTING LUMINAIRES	
Emergency lighting luminaire Cat.No	Spare part battery Cat.No
<b>B65<sup>LED</sup></b>	
6 604 26	0 610 87
6 604 27	6 609 72
6 604 28	6 609 72
6 604 29	6 609 71
6 614 26	0 610 87
6 614 27	6 609 72
6 614 28	6 609 62
6 614 29	6 609 71
6 614 31	0 610 92
6 614 33	6 609 72
6 614 34	6 609 62
6 614 40	6 609 71
6 624 31	6 609 72
6 624 33	6 609 62
6 624 34	6 609 71
6 624 40	6 609 71

SINGLE SPOT	
Emergency lighting luminaire Cat.No	Spare part battery Cat.No
<b>SPOTLIGHT LED LUMINAIRES</b>	
6 614 60	6 609 76
6 604 60	6 609 76

TWINSPOOT	
Emergency lighting luminaire Cat.No	Spare part battery Cat.No
<b>SPOTLIGHT LED LUMINAIRES</b>	
6 614 62	6 609 77
6 614 63	6 609 77
6 604 62	6 609 77
6 604 63	6 609 77
6 604 65	6 609 77
6 624 63	6 609 77





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