



Emergency
Lighting
Systems
with **DALI**
Communication
protocol



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for a safer world!



Emergency Lighting Systems with DALI Communication protocol



Dali is a communication protocol for emergency luminaires which allows the control of their network.

It can control one luminaire or a set of luminaires and adjust various parameters such as luminosity, operation check, autonomy check, device detection and inhibit function.

Through the graphical environment, the devices are monitored and controlled and inform us about voltage, operation current or any errors.

Advantages:

- Control of luminaires network from the computer via usb or ethernet
- Control of luminaires network via mobile phone
- Integration of all the different systems that support Dali in one installation (emergency luminaires, conventional lighting, sensors)
- Flexibility in the interconnection of devices due to the open protocol.



GR-6600/DALI

Dali module for emergency luminaires

A DALI network can consist of up to 64 devices, with the ability to mix different types of lighting devices (such as fluorescent lighting, RGB LED series, emergency lighting etc.) that support DALI connectivity. The connection of addressable emergency luminaires of the DALI OLYMPIA ELECTRONICS series is automatic and requires less time compared to typical addressable systems.

The wiring of DALI type safety luminaires is versatile and can be implemented with conventional type multi-conductor cables, using the same cable for powering the luminaire but also for communication, thus drastically reducing the installation cost. This is achieved due to the "immunity" to which the protocol has to electrical noise and interference. The length of the communication cable can reach up to 300 meters which in combination with the 64 devices per network, covers a sufficient area for small and medium-sized installations.

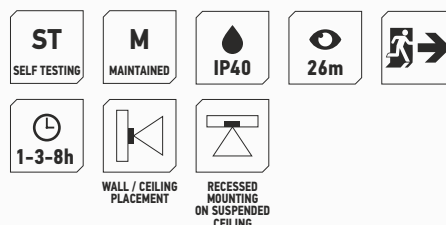
The DALI line does not require line termination and supports "star or line" type connections but not rings and closed loops.





EASY LIGHT

DALI emergency luminaires self-testing maintained / non-maintained operation.



The Easy Light luminaire family is the cornerstone of Olympia Electronics emergency lighting systems. With a classic design and low cost, the Easy Light luminaire family has multiple versions that enable them to satisfy the demands for emergency lighting of various installations such as hospitals, hotels, and schools.

The A-3018 accessory enables the recessed installation of the Easy Light luminaires on false ceilings. Additionally, the SP-1116/RLDUB signs convert the luminaires to double-sided emergency exit signs.

GR-370/LL/DALI Autonomy 1-3-8h

Accessories upon demand

A-3018 Suspended ceiling mounting springs

SP-1116/RLDUB Double sided Plexiglass 4mm marking panel with all directions (Can be used only when the luminaire is installed on the ceiling)



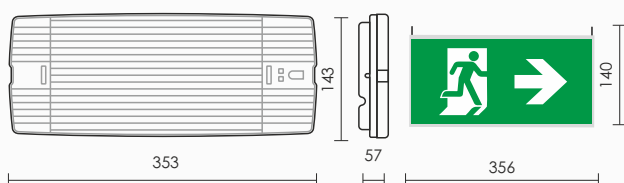
SP-1116/RLDUB



A-3018

Dimensions in mm

Required opening for suspended wall or ceiling installation 340 x 124mm

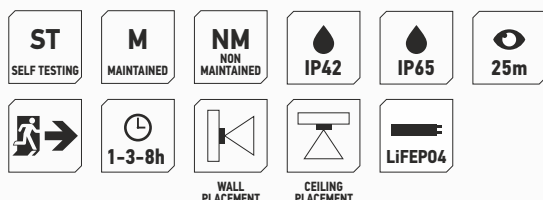


Single side pictograms

- S-31101/LO  Pictogram left ISO single side
- S-31101/RO  Pictogram right ISO single side
- S-31101/DO  Pictogram down ISO single side
- S-31101/UO  Pictogram up ISO single side

OLYMPUS LIGHT

DALI emergency luminaires self-testing
maintained / non-maintained operation.



OLY-1004/DALI	Autonomy 1-3-8h
OLY-1004/WP/DALI	Autonomy 1-3-8h
OLY-1004/LF/WP/DALI	Autonomy 1-3-8h

Accessories upon demand

A-3018	Suspended ceiling mounting springs
SP-1100/RLDUB	Double sided Plexiglass 6mm marking panel for all directions



Single side pictograms

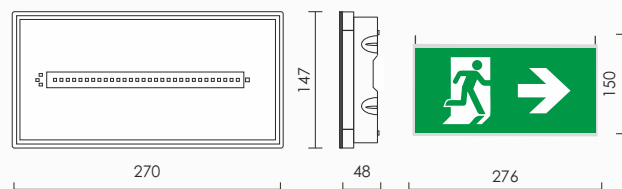
SW-110X/LO		Pictogram left ISO single side
SW-110X/RO		Pictogram right ISO single side
SW-110X/DRO		Pictogram down ISO single side
SW-110X/UO		Pictogram up ISO single side

The Olympus series is the latest offering from Olympia Electronics for an emergency luminaire family suitable to cover multiple demands with low cost and modern design. The Olympus emergency luminaires are specially designed to cover emergency lighting specifications for small to medium-sized installations. The low profile and the ability for recessed mounting in false ceilings make them suitable for installation in hotels.

The Olympus series of emergency luminaires can be used as double-sided emergency exit signs with the use of the SP-1100/RLDUB exit signs..

Dimensions in mm

Required opening for suspended wall or ceiling installation 225 x 130mm





LINEAR LIGHT

**DALI emergency luminaries self-testing
maintained / non-maintained operation.**



WALL / CEILING
PLACEMENT



**Available
in anthracite
color**



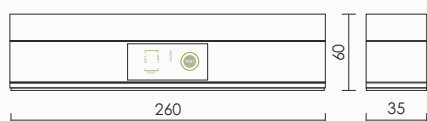
Reliability and elegance were the main considerations for the development of the new LINEAR LIGHT range. The modern minimal and linear style makes KLIN ideal for any architectural project.

KLIN-20/ST/DALI Autonomy 1-3-8h

Accessories upon demand

A-2130	Set of accessories (1m) for ceiling mounting (white)
A-2131	Set of accessories (0,5m) for ceiling mounting (white)
A-2132	Set of accessories (0,25m) for ceiling mounting (white)
A-2133	Accessory for vertical wall mounting (white)
A-2136	Accessory set for ceiling mounted hanging installations with 2,5m cable
A-2520/PL/ST	Suspended ceiling base for self-testing luminary KLD-xx

Dimensions in mm



A-2130
A-2131
A-2132



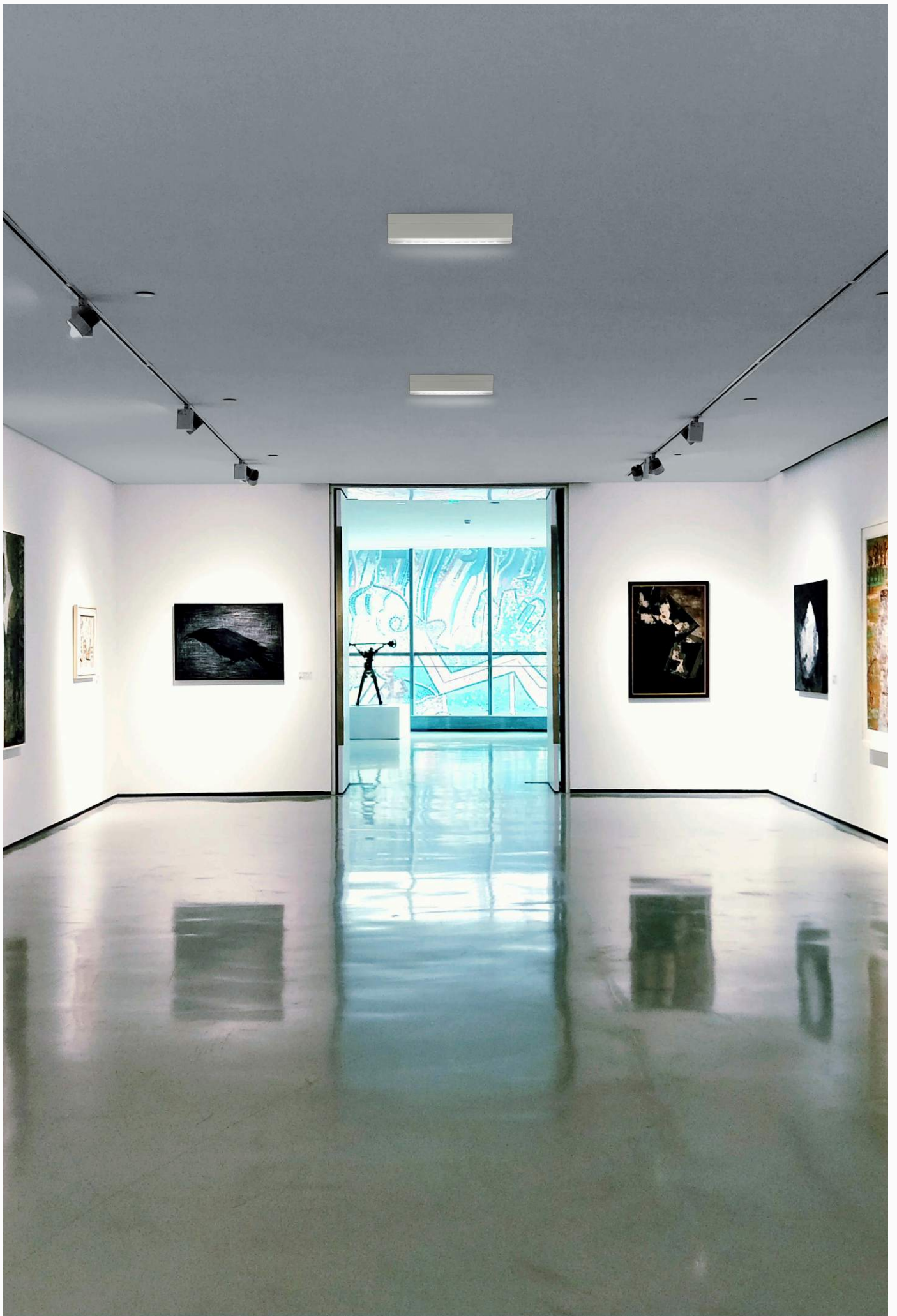
A-2133



A-2136



A-2520/PL/ST





TETRAGONO LIGHT

DALI emergency luminaires for ceiling, self-testing maintained / non-maintained operation (GR-46x) and non-maintained (GR-49x)



RECESSED
MOUNTING
ON SUSPENDED
CEILING



Olympia Electronics' Tetragono Light family of safety luminaires are manufactured to provide safety lighting with lenses suitably designed for use in either open areas or escape corridors.

The GR-4XX series can be used to meet security lighting requirements in sports or industrial facilities, providing easy-to-use wiring capability for the installing electrician.

GR-4XX: designed for installation under cable trays and use in industrial or parking areas.

GR-460/DALI

autonomy 1.5h, IP42, lense for escape routes

GR-461/WP/DALI

autonomy 1.5h, IP65, lense for open places

GR-492/DALI

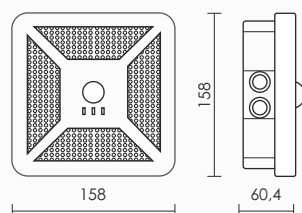
autonomy 3h, IP42, lense for escape routes

GR-493/DALI

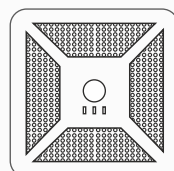
autonomy 3h, IP42, lense for open places

Dimensions in mm

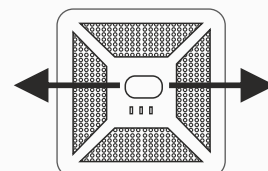
Required opening for suspended wall or ceiling installation 145 x 145mm



Lense for open areas

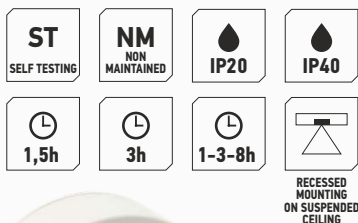


Lense for escape routes



SPOTLIGHT

DALI emergency luminaires for ceiling, self-testing, non-maintained operation.



Available
in anthracite
color



GR-795/ST/DUO/DALI

autonomy 1.5-3-8h, IP40, interchangeable lenses

GR-796/ST/DUO/DALI

Recessed mounting autonomy 1.5-3-8h, IP40, interchangeable lenses

GR-290/M/DALI

autonomy 1.5h, IP40, escape route lenses

GR-291/M/DALI

autonomy 1.5h, IP40, lenses for open areas

GR-292/M/DALI

autonomy 3h, IP40, escape route lenses

GR-292/M/HL/DALI

autonomy 3h, IP20, escape route lenses

GR-293/M/DALI

3h, IP40, lenses for open areas

GR-293/M/HL/DALI

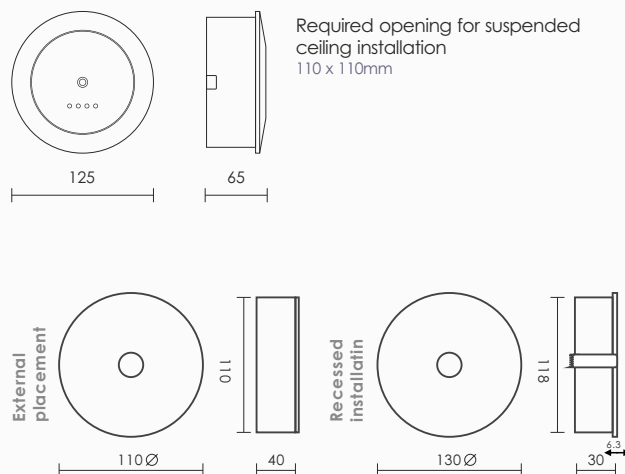
3h, IP20, lenses for open areas



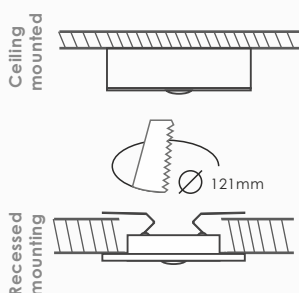
Olympia Electronics's SpotLight luminaires are designed to provide safety illumination with lenses appropriately designed for use in either open areas or escape routes.

The GRL-2XX series of the SpotLight family of luminaires finds application in installations that require the discreet presence of safety luminaires such as hotels and high-rise apartment buildings,

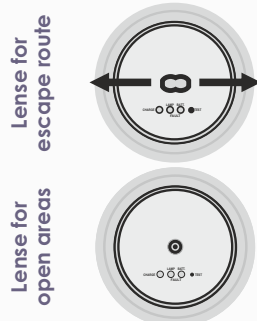
Dimensions in mm



Mounting methods



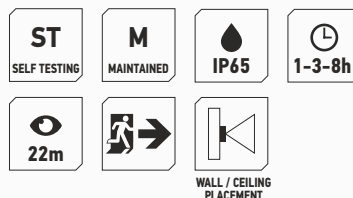
Lense





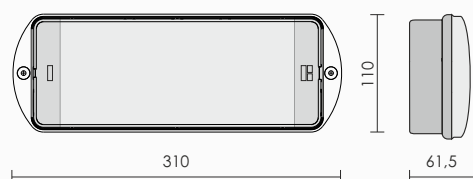
WEATHER LIGHT

**DALI waterproof emergency luminaires self-testing
maintained / non-maintained operation, low luminosity**



The luminaires of the Weather Light family are Olympia Electronics' offering for an emergency lighting and signage system suitable for environmentally burdened spaces. The Weather Light luminaires are specially designed for use in industrial and commercial installations, as they offer increased protection against impacts and intrusion from foreign objects and moisture. Furthermore, for use in installations with low ambient temperatures or high Electromagnetic interference, there is a version available that uses supercapacitors as a power source, rather than conventional batteries.

Dimensions in mm



GR-1950/LL/DALI Autonomy 1-3-8h

Accessories upon demand

A-9100/ST Plastic double sided diffuser for self-testing

A-1900 Magnetic test card



Pictograms single side

S-19100/RLDO Set of pictograms ISO single side, left right down indication

S-1938/UO Pictogram up ISO single side

POWER LIGHT

**DALI emergency luminaires self-testing
non-maintained operation**



WALL
PLACEMENT



GRL-37/90/WP/DALI Autonomy 1.5h

GRL-37/180/WP/DALI Autonomy 3h

GRL-37/180/DALI Autonomy 3h

GRL-29/DALI Autonomy 3h

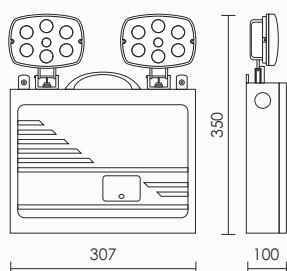
GRL-29/WP/DALI Autonomy 3h



The emergency luminaires of the Power Light series are designed with large, industrial areas in mind. Two independently adjustable lenses and high power led light sources enable the luminaires of the series to better illuminate each installation space, satisfying the most demanding specifications. They are characterized by a robust construction with an impact rating of IK10 while the available versions with an increased IP 65 rating are suitable for environmentally burdened spaces. The luminaires also come in versions with 1,5 and 3 hours of autonomy.

The Power Light series is suitable for large open areas with high ceilings such as warehouses and logistic centers, car parking, and large industrial installations.

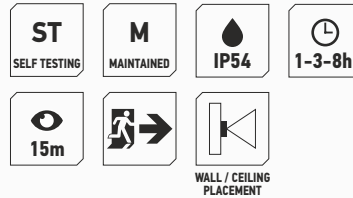
Dimensions in mm





BAU LIGHT

DALI emergency luminaires, self-testing, maintained / non-maintained operation.



The Bau Light safety luminaires are inspired by the principles of the Bauhaus school, based on geometric forms and with an emphasis on usability and simplicity.

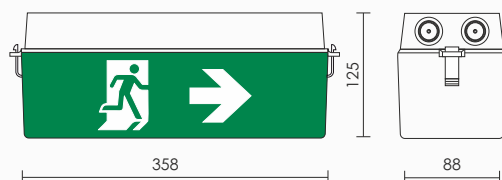
The Bau Light range of luminaires finds application in urban facilities, such as apartment buildings and residential complexes, while the high-profile version is suitable for street lighting in low-height facilities, such as parking spaces.

GR-750/ST/HP/LL/DALI Autonomy 1-3-8h

HP: High profile / High opal hood

LL: Low luminosity

Dimensions in mm

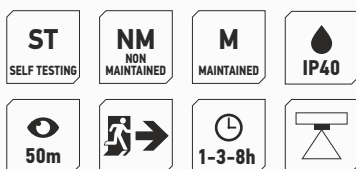


Single side pictograms

S-73600/LO		Pictogram Left ISO single side
S-73600/RO		Pictogram Right ISO single side
S-73600/DO		Pictogram Down ISO single side
S-73601/LO		Pictogram Left ISO single side
S-73601/RO		Pictogram Right ISO single side
S-73601/DO		Pictogram Down ISO single side

3D LIGHT

DALI exit sign luminaires, self-testing, maintained / non-maintained operation.

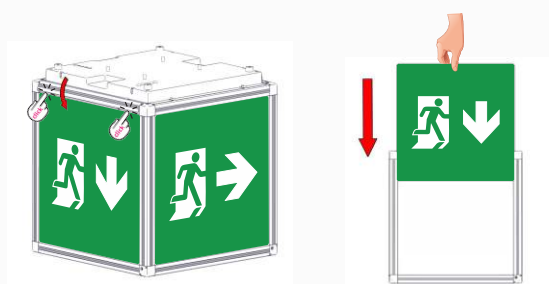


WALL PLACEMENT



GR-415/1PL/DALI Autonomy 1-3-8h

Easy mounting of a pictogram



Single side pictograms

PL-4xx/LO		Marking overlay ISO with left indication
PL-4xx/RO		Marking overlay ISO with right indication
PL-4xx/DRO		Marking overlay ISO with right down indication
PL-4xx/URO		Marking overlay ISO with right up indication
PL-4xx/O		Marking overlay
SW-4xx/DLO		Marking overlay ISO with left down indication
SW-4xx/ULO		Marking overlay ISO with left up indication



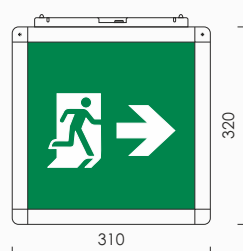
The 3D Light exit sign luminaires are made in a square shape and there is the possibility of placing the pictogram on three or four sides of the luminaire.

They are suitable for indoor, self-testing, maintained / maintained operation, with autonomy of 1,3 or 8 hours and 50m viewing distance.

Each luminaire must be permanently connected to the supply voltage. During its normal operation, the battery is charged and the lighting LEDs are turned on.

At each interruption of the supply voltage, the luminaire is automatically put into standby mode, turning on the lighting LEDs from its battery. When the supply voltage returns to its normal operation.

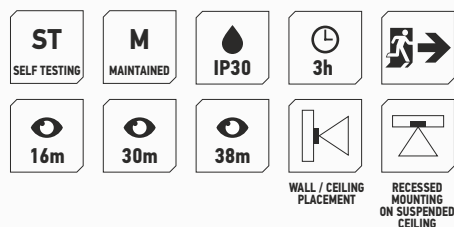
Dimensions in mm





LOUNGE LIGHT

DALI emergency luminaries, self-testing, maintained / non-maintained operation.



SLD-28/DZ/M2/DALI	Autonomy 3h
SLD-28/DZ/M/DALI	Autonomy 3h
SLD-34/SP/M/DALI	Autonomy 3h
SLD-34/DZ/M/DALI	Autonomy 3h
SLD-34/SP/M/LF/DALI	Autonomy 3h
SLD-44/SP/M/DALI	Autonomy 3h

Accessories upon demand

A-3018  Suspended ceiling mounting springs

Single side pictograms

SW-28/L, SW-34/L, SW-44/L		Marking overlay with left indication
SW-28/R, SW-34/R, SW-44/R		Marking overlay with right indication
SW-28/DL, SW-34/DL, SW-44/DL		Marking overlay with down left indication
SW-28/DR, SW-34/DR, SW-44/DR		Marking overlay with down right indication
SW-28/UL, SW-34/UL, SW-44/UL		Marking overlay with up left indication
SW-28/UR, SW-34/UR, SW-44/UR		Marking overlay with up right indication

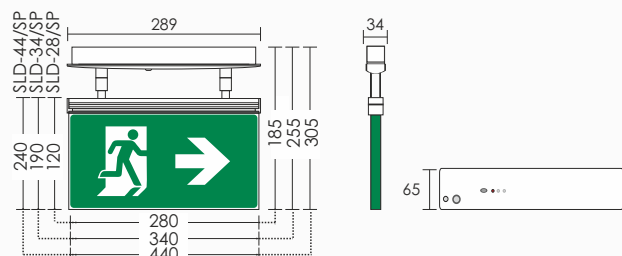


The Lounge Light exit sign luminaires are elegant, discreet and suitable for indoor spaces. They are designed to cover long viewing distances (16m, 30m, 38m) and are available in 3 different sizes.

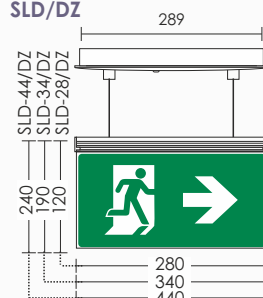
The Lounge Light series signage is double-sided and the pictograms are extremely easy to install. They can be installed recessed or suspended on the ceiling as well as parallel to the wall. In the event of a power outage, these security lights have a 3-hour autonomy.

Dimensions in mm SLD/SP

Required opening for suspended wall or ceiling installation 280 x 50mm

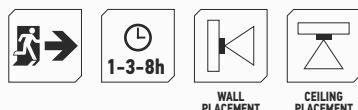


SLD/DZ



VALUE LIGHT

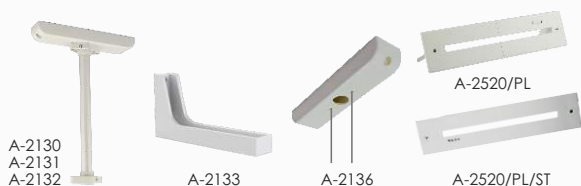
DALI exit sign luminaires, self-testing, maintained / non-maintained operation.



KLD-22/ST/DALI	Autonomy 1-3-8h
KLD-30/ST/DALI	Autonomy 1-3-8h
KLR-20/ST/DALI	Autonomy 1-3-8h

Accessories upon demand

A-2130	Set of accessories (1m) for ceiling mounting (white)
A-2131	Set of accessories (0,5m) for ceiling mounting (white)
A-2132	Set of accessories (0,25m) for ceiling mounting (white)
A-2133	Accessory for vertical wall mounting (white)
A-2136	Accessory set for ceiling mounted hanging installations with 2,5m cable
A-2520/PL/ST	Suspended ceiling base for self-testing luminary KLD-xx
A-2520/PL	Suspended ceiling base



Single side pictograms

SW-22/L, SW-31/L, SW-20/L		Marking overlay with left indication
SW-22/R, SW-31/R, SW-20/R		Marking overlay with right indication
SW-22/DL, SW-31/DL, SW-20/DL		Marking overlay with down left indication
SW-22/DR, SW-31/DR, SW-20/DR		Marking overlay with down right indication
SW-22/UL, SW-31/UL, SW-20/UL		Marking overlay with up left indication
SW-22/UR, SW-31/UR, SW-20/UR		Marking overlay with up right indication

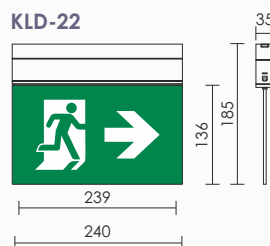


The exit sign luminaires series of the KLD & KLR series are modern lights with a linear style and with a easily adaptable base which makes them able to be installed with great ease on walls and ceilings.

The luminaires of this series are continuous/non-continuous operation, self-testing and not, with different viewing distances. They have autonomy regulation through switches with the option of choosing between 1, 3 or 8 hours.

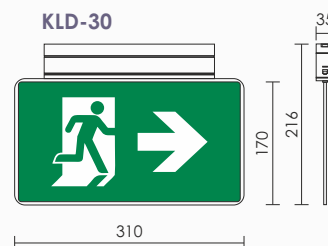
Dimensions in mm

KLD-22

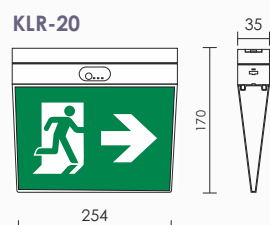


Required opening for suspended wall or ceiling installation 355 x 60mm

KLD-30



KLR-20



LED



www.olympia-electronics.com

European
manufacturer



The company is certified by
APPROVAL
SWISS
Objectively True
ISO 14001, ISO 45001, ISO 9001

F-001-080-DALI