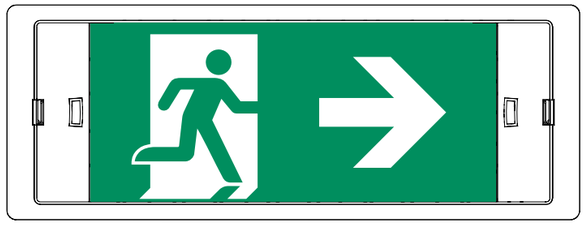
Pictogram Installation



The luminaire can also be used as an exit sign. Attach the appropriate pictogram to the luminaire. The package includes three pictograms (Part No. 807008002): arrow right, arrow left, and arrow down. Additional directions and symbols can be produced upon request.

Note! If the luminaire is used as an exit sign, the installer must mark the letter "**G**" on the technical characteristics label or imprint.

X	1	A		6 0
		↓		

Battery replacement

The battery replacement must be performed by qualified personnel and only after disconnecting the luminaire from the mains power supply.

1. Follow Step 1 of the installation instructions.
2. Disconnect the battery connector from the main PCB (see Step 4 of the installation procedure).
3. Connect the new battery, ensuring it has the same technical specifications as the original.
4. Reinstall all components (see Step 6 of the installation procedure).

NOTE: LED= Light Emitting Diode
LABELING EXPLANATION:
X: Self contained
1: Maintained/Non maintained operation (*)
A: Including test device
G: Internally illuminated safety sign
60: 1 hour duration **180:** 3 hours duration

(*) Maintained operation: The luminaire lights its illumination source, when it is powered by the mains power supply or not.
Non Maintained operation: The luminaire lights its illumination source, only in power supply's failure.

ATTENTION!!!

The light source contained in this luminaire shall only be replaced by the manufacturer, or his agent, or a similar qualified person.

NOTE!! The light source is non-user replaceable.

CAUTION! Do not look directly at the light source with your eyes.

Waste Electrical and Electronic Equipment

This symbol indicates that this product must not be disposed of with household waste. Instead, it should be taken to an appropriate collection point for the recycling of electrical and electronic equipment, in accordance with local laws and regulations. Proper disposal helps protect the environment and human health from potential hazards. The batteries of the product must also be collected separately and taken to designated battery recycling points. Do not incinerate them.

Disassembly Information
For the complete disassembly procedure of this product, please scan the QR code below.

Technical Characteristics

MODELS	GR-8/LF GR-8/LF/C	GR-9/LF GR-9/LF/C
OPERATION VOLTAGE	220-240V AC/DC, 50-60Hz	
MAXIMUM POWER CONSUMPTION	3.3W / 3.5VA	
SUPPLY CURRENT	15mA	
OUTPUT VOLTAGE (U-OUT)	3.65V	
Prated	2W	
Irated	725mA	
MAX OPEN CIRCUIT VOLTAGE	3.65V	
WIRE CROSS SECTION	0.5 - 2.5mm^2	
MINIMUM POWER FACTOR	0.91	
BATTERY ($LiFePO_4$)	3.2V / 1.6 Ah	
INSULATION BETWEEN SUPPLY & CONTROL TERMINALS	Basic Insulation	
INSULATION BETWEEN SUPPLY & BATTERY CIRCUIT	Basic Insulation	
BATTERY PROTECTION	Deep discharge and overcharge protection The control gear will recharge the battery normally after the test of 22.3	
MIN. MAX. DISCHARGE VOLTAGE	3 - 3.64v	
MIN. MAX. DISCHARGE CURRENT	550 - 725mA	
MIN. MAX. CHARGE CURRENT	0 - 100mA	
MAX. CHARGER VOLTAGE	3.64V	
INDICATIONS / CONTROL	CHARGE / TEST BUTTON	
CHARGING TIME	24 hours	
MINIMUM DURATION	1 hour	3 hours
LIGHT SOURCE	LED (CCT: 5000K), Projected LED Lifetime: 100,000 hours (L70)	
LIGHT SOURCE LUMINOUS FLUX (MAINS)	45 lm	
LIGHT SOURCE LUMINOUS FLUX (EMERGENCY)	330 lm	200 lm
DEGREES OF COVER PROTECTION	IP43	
IMPACT PROTECTION RATING	IK08	
PRODUCED IN ACCORDANCE WITH	EN 60598-1, EN 60598-2-22, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3	
VIEWING DISTANCE (As exit sign)	15m	
OPERATION TEMPERATURE RANGE	5 to 50 °C	
RELATIVE HUMIDITY	Up to 95%	
CONSTRUCTION MATERIAL	ABS/PC	
CONSTRUCTION COLOR	White (RAL9010) or Anthracite (RAL7016) (/C)	
DIMENSIONS	240 x 90 x 44 mm	
MOUNTING METHODS	Wall, Recessed (With Accessory)	
WEIGHT	330 g	
GUARANTEE	3 years (10 years for the battery)	

LED Characteristics

MANUFACTURER	Olympia Electronics S.A.
MODEL NUMBER	2201159
VOLTAGE RANGE	2.9- 3.6V DC
CONNECTIONS	Non revirsible connection between main and LED PCB
TEMPERATURE	Max. 45 °C across the board

Accessories (Upon Request)

927300800 A-3008 Recess mounting base for suspended ceiling
922100800 SP-1008/RLDUBL Double sided marking panel with all indicators

Terms of Sales - Technical Support

Help Center

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European manufacturers

olympia electronics SAFETY & SECURITY SYSTEMS for a safer world!



MAINTAINED/NON-MAINTAINED EMERGENCY LUMINAIRES

M | NM | LiFePo$_4$ | 60 min 180 min | 330 lm 200 lm | 3.3W 3.5VA | 5 to 50°C | IP43 | IK08 | 15m

Thank you for your trust in our products
Olympia Electronics - European manufacturer