

Package Contents

- 1 Luminaire with track adapter
- 1 Lens Accessories
- 1 Manual
- 2 Labels for 3 & 8 hours duration

General

These devices are used indoors (ta 40°C) in places where emergency light is needed. Each device must be permanently connected to mains power supply. In normal operation the battery is charging. In case of a mains power supply failure, the device enters emergency mode and the illumination LED turns on. When the mains power supply is restored the device turns to normal operation.

Automatic Operational Test

This test is conducted automatically every 15 days and lasts 3 seconds. The light source and the emergency circuit of the device are tested. The test can be conducted only if the mains power supply and the battery are connected. During this test period the light source will light up and the green LED will flash quickly. The battery must have adequate charge.

Automatic Autonomy Test

The Automatic Autonomy Test is conducted every 6 months and measures the device's back up operation and emergency duration. In order to be performed, the mains power supply should be connected and the battery should be fully charged. During this test period the light source will light up and the green LED will flash quickly. This test lasts for the stated duration. In case the test shows a battery fault, then the battery needs to be replaced. After the replacement, the luminaire will charge the battery. When the charge is finished, the luminaire will perform an automatic autonomy test which lasts for the stated duration. If the battery is in good condition then the LED indicator will turn off.

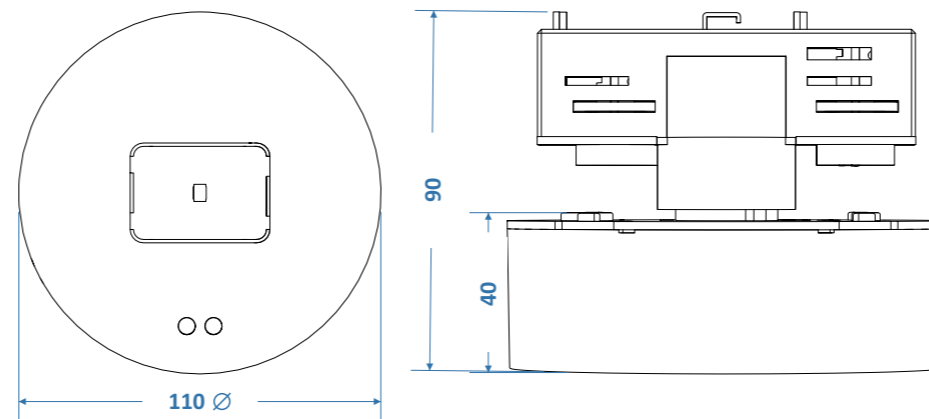
ATTENTION!!!

1. Operations for installation, maintenance, or testing must be done by authorized personnel only.
2. Always use round mains cables with a diameter of 5-10mm (H05RN-F type 2x1mm² or any other type at least equal to its mechanical and electrical properties). ATTENTION!! The cable must not be deformed in any way (This requirement is important to ensure the IP rating).
3. The device must be connected to the mains power supply through a circuit breaker that is appropriate for the total line's power load.
4. In case of battery replacement, it must be replaced with the same type, by the manufacturer or a competent person.
5. If the device is inactive for a period greater than 2 months, disconnect the battery by pulling out the battery's connector.
6. If the luminaire no longer meets the rated duration of operation after the corresponding recharge period, the battery must be replaced.
7. It is not allowed to discard batteries into common trash bins; they must be discarded only at battery recycling points. Do not incinerate.

Indications LED Status

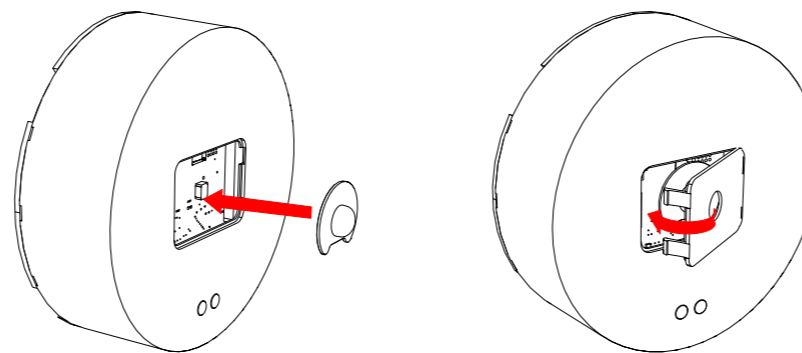
GREEN (charge)	RED (Fault)	Description
●	○	Normal
●	○	Charging (autonomy test not possible while charging)
○	○	Mains off (battery not connected or charger fault)
●	○	Autonomy Test (Duration: Stated autonomy duration of the luminaire)
∅	●	Battery Fault
●	○	Operational Test (Duration: 3s)
∅	●	Light Source Fault
∅	●	Battery Fault & Light Source Fault
Note:		● Permanently ON ● Fast Blink ● Slow Blink ○ Off ∅ Non relevant

Dimensions (in mm)

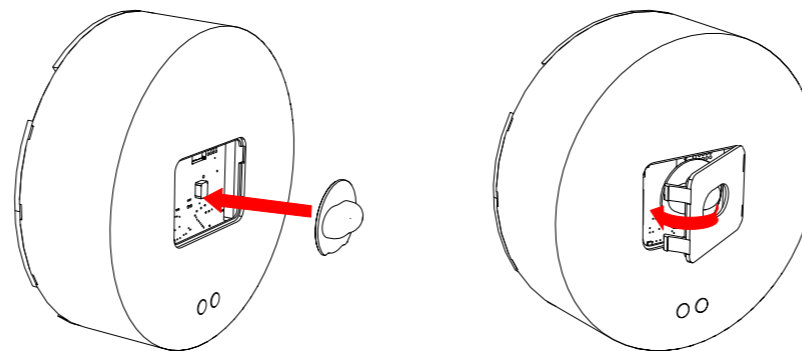


Lens Installation

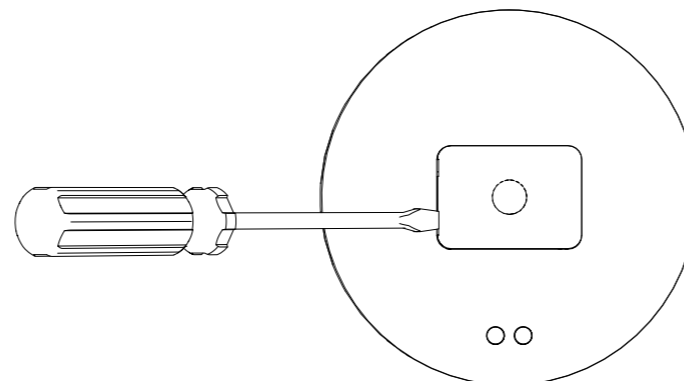
Anti-Panic



Escape Route

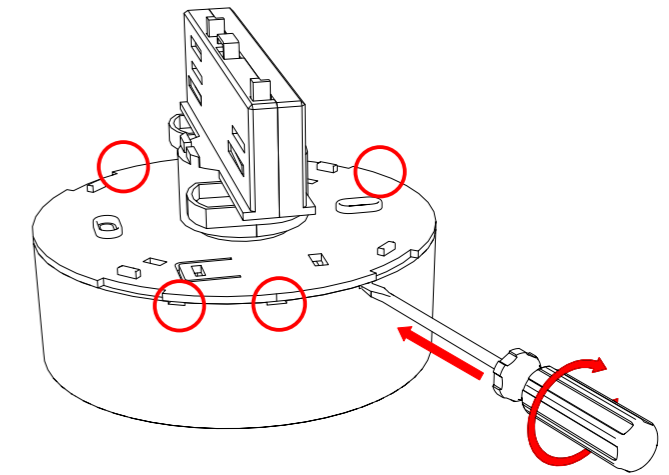


In order to place the proper lens (Anti - Panic or Escape Route), first be sure that the luminaire is not connected in the mains power supply and the battery is disconnected. Place the proper lens and retaining cover on the luminaire. **Be careful not touch the LED with your hand.**

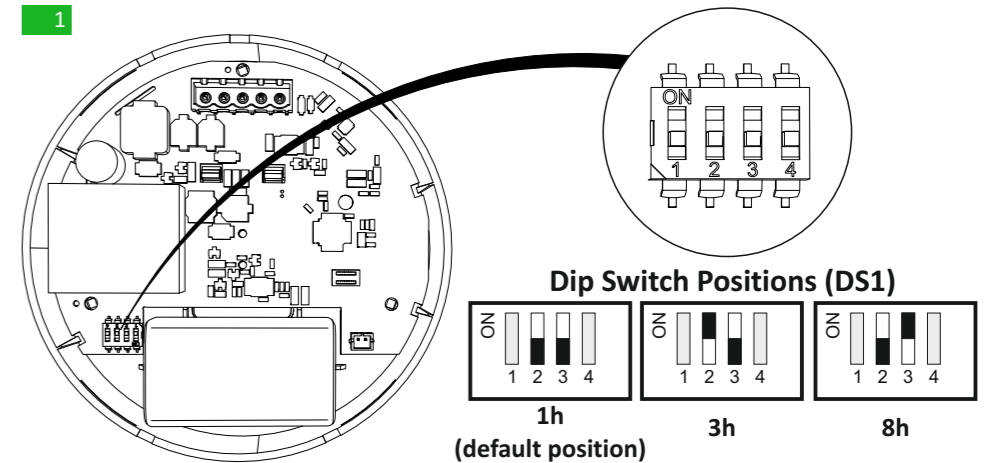


In order to change the lens, be sure that the luminaire is not connected to the mains power supply and the battery is disconnected. Use a flat bladed screwdriver to remove the retaining cover, remove the placed lens and insert the new one with its retaining cover. **Be careful not to touch the LED with your hand.**

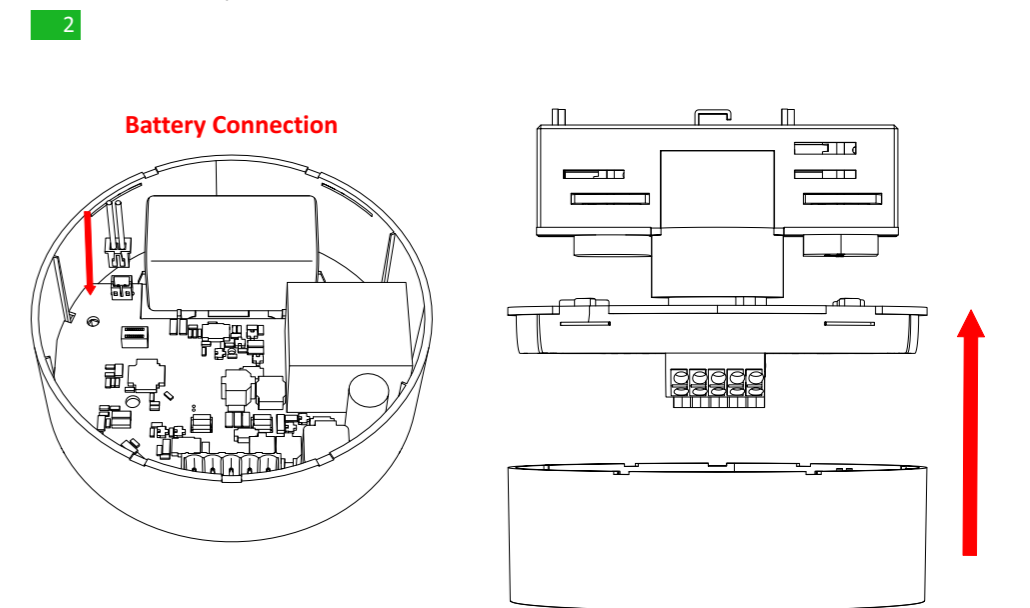
Installation Instructions



Place a flat blade screwdriver on the 5 marked positions and swift it, pull up gently the bottom cover and remove it.



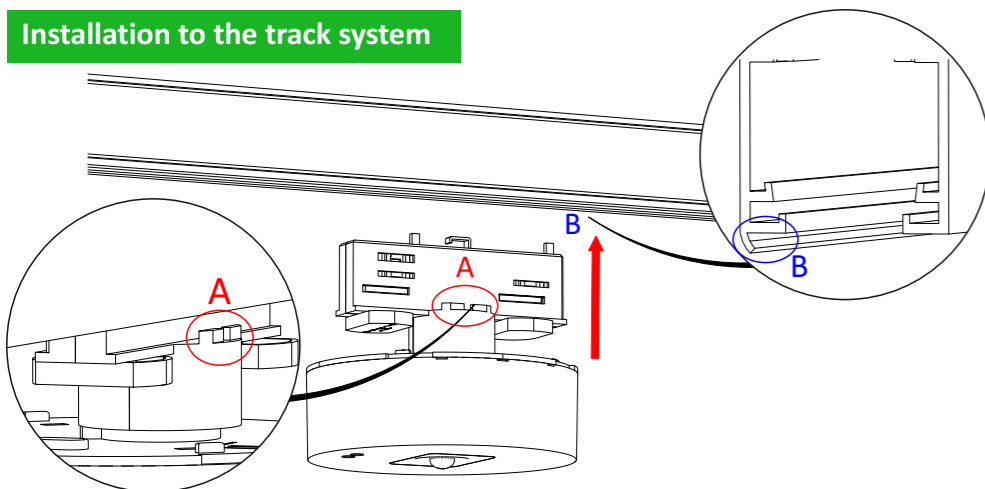
The user can select one of the 3 available minimum autonomy durations: 1 hour, 3 hours and 8 hours. The selection must be done while the luminaire is disconnected from AC and battery supplies. The selection is achieved through Switches 2 & 3 of DS1. Switches 1 and 4 are not used. Two additional labels are included in the package, one for 3 hours duration (180) and one for 8 hour duration (480). Depending on the selected duration, the installer must cover the default 1 hour (60) printing with one label that has the required duration. Please take notice of the orientation of the label.



Connect the battery cable to its respective connector on the PCB. Refit the luminaire to the bottom cover. Pay attention to the orientation of the luminaire.

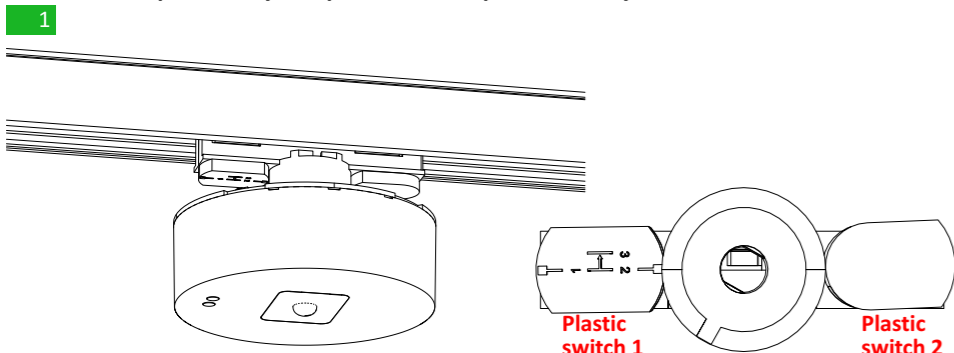
Note: The power connection is already attached to the luminaire. The luminaire is ready for use once it is connected to the track system.

Installation to the track system



Install the luminaire onto the track system. Ensure that the two plastic switches are expanded. Make sure that point A of the adapter and point B of the track are facing opposite directions to ensure correct installation orientation.

Note: The adapter is only compatible with 4-phase track systems.



Rotate the two plastic switches to lock the adapter onto the track.

Note: Plastic switch 2 is used solely to secure the adapter to the track, while plastic switch 1 is used to select the phase on which the luminaire will operate.

NOTE!!
After finishing the installation you must power the luminaire for at least 24 hours in order to completely charge the battery. The rated autonomy duration can be achieved after that time.

Battery Replacement

It can be done only by a competent person and after the mains interruption.

1. Disconnect mains.
2. Carefully remove the luminaire from the bottom cover. (Step 1 of installation procedure)
3. Disconnect the battery and install a new one of the same type and characteristics.
4. Refit the luminaire to the bottom cover.

ATTENTION

The light source of this luminaire is not user replaceable. When the light source reaches its end of life the whole luminaire shall be replaced.



CAUTION : Do not view directly with bare eyes.

NOTE: LED= Light Emitting Diode

LABELING EXPLANATION:

- X: Self contained
- 0: Non maintained operation (*)
- A: Including test device
- E: With non-replacable lamp(s) and/or battery
- F: Automatic test gear complying with IEC 61347-2-7 denoted EL-T
- 60: 60 minutes duration
- 180: 180 minutes duration
- 480: 480 minutes duration

X|0|A|E|F|60

(*) Non Maintained operation: The luminaire lights its illumination source, only in power supply's failure.

Technical Characteristics

	GR-795/ST/DUO/TL	GR-795/ST/DUO/BLACK/TL
OPERATION VOLTAGE	220-240V AC / 50-60Hz	
MAXIMUM POWER CONSUMPTION	3.3W / 3.8VA	
MAX. SUPPLY CURRENT	17mA	
MINIMUM POWER FACTOR (λ)	0.87	
U-OUT	5V	
Prated/Irated	1.9W / 650mA	
INSULATION BETWEEN SUPPLY & CONTROL TERMINALS	Basic Insulation	
INSULATION BETWEEN SUPPLY & BATTERY CIRCUIT	Basic Insulation	
WORKING VOLTAGE AT WHICH THE INSULATION IS DESIGNED	500V	
WIRE CROSS SECTION	2.5mm ² (stranded) 4mm ² (solid)	
BATTERY (NiMH, 4HRMU15/15)	4.8V / 1.7Ah	
CHARGE TIME	24 hours	
BATTERY PROTECTION	Deep discharge and overcharge protection The control gear will recharge the battery normally after the test of 22.3	
BATTERY SUPPLY CURRENT DURING EMERGENCY (Vbat=4.8V):	1h: 400-550mA, 3h: 290-405mA, 8h:125-170mA	
BATTERY CHARGE CURRENT RANGE	110-135mA	
BATTERY DISCHARGE CURRENT RANGE	130-550mA	
MINIMUM DURATION	1, 3, 8 hours manually selected (default 1h)	
LIGHT SOURCE	1 White Power LED	
EMERGENCY ILLUMINATION INDICATIONS	1h : 300lm 3h : 240lm 8h : 110lm Charge - Fault (Lamp/Battery)	
PRODUCED IN ACCORDANCE WITH	EN 60598-1, EN 60598-2-22, EN 55015 EN 61547, EN 61000-3-2, EN 61000-3-3	
OPERATION TEMPERATURE RANGE	5 to 40°C	
CONTROL GEAR MAX. TEMPERATURE:tc	80°C at LD4	
DEGREES OF COVER PROTECTION	IP40	
RELATIVE HUMIDITY	Up to 95%	
CONSTRUCTION MATERIAL	ABS/PC	
COLOR	White	Black
EXTERNAL DIMENSION (D x H)	Ø110 x 40mm	
WEIGHT	400gr.	
GUARANTEE	3 years (1 year for the battery)	
CONTROL GEAR WITH AUTOMATIC TEST FUNCTION	EL-T	
	Controlgear classification in accordance with IEC 62034: with automatic test function The controlgear has mains-connected windings of transformer The controlgear is proof against supply voltage polarity reversal	

LED Characteristics

MANUFACTURER	Olympia Electronics S.A.
MODEL NUMBER	1303225
VOLTAGE RANGE	2.7-2.95V
NOMINAL POWER	1.95W
CONNECTIONS	Built-in main board
TEMPERATURE (tc)	55°C max. across the board
LED Module Type	BUILD IN

Warranty



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**SELF TESTING NON-MAINTAINED
EMERGENCY CEILING MOUNTED LUMINAIRE
FOR TRACK LIGHT SYSTEM**



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