Package Contents

1	Luminaire with track adapter
2	Set of Pictograms (R/L/DR/DL)
1	Manual

General

These devices are used indoors (ta 40oC) 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.

Manual Operational Test
By pressing the test button an operation test is initiated. The light source and the emergency circuit of the device are tested. The manual test can be conducted only if the mains power supply and the battery are connected. During this test period all indications LED are OFF.

Automatic Operational Test
This test includes all the operations that are provided in manual operational test and is conducted automatically every 15 days and lasts 3 seconds.

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 and the battery should be connected and fully charged. If the battery is not fully charged, the test is postponed until the battery is completely charged. If during this test, the autonomy is less than nominal then the battery fault led turned on continuously and the battery must be replaced.

Resetting Errors
Push the Test button for more than 5 seconds, to delete all the indicated LED errors. Then the device enters regular operation mode.

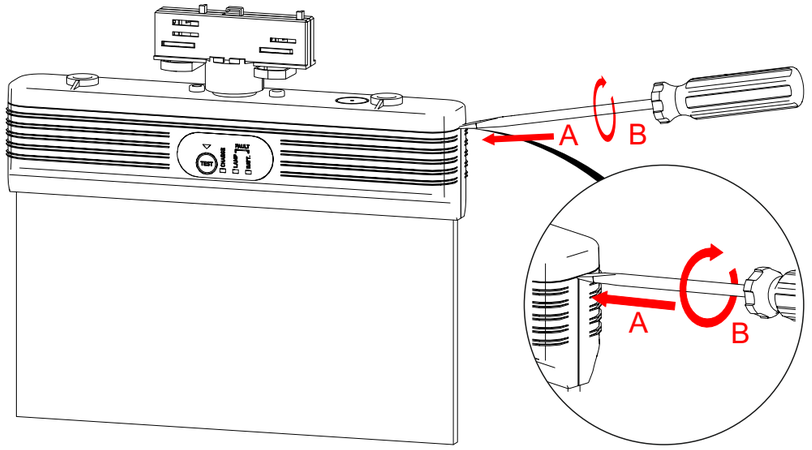
Changing The Operating Mode
Press and hold the TEST button for more than 5 seconds. First, the luminaire will erase the errors (3 LED indicators will light in succession) and after 2 seconds the LED Lamp Fault will remain lit steadily. When the TEST button is released, the luminaire will change between maintained or non maintained mode. The change is recorded permanently in it's memory.

ATTENTION!!!
1. Operations for installation, maintainance or testing must be done by authorized personnel only.
2. Always use in any case round mains cable, with a diameter of 5-10mm (H05RN-F type 2x1mm² or any other type, at least equal to it's 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 depends on the total line's power load.
4. In case of battery replacement, it must be replaced by the same type, by the manufacturer or a competent person.
5. In case of inactive use for a period greater than 2 months, disconnect the battery by pulling out the battery's connector.
6. It is not allowed to discard batteries into common trash bins, they must be discarded only in battery recycling points. Do not incinerate.

Indications LED Status

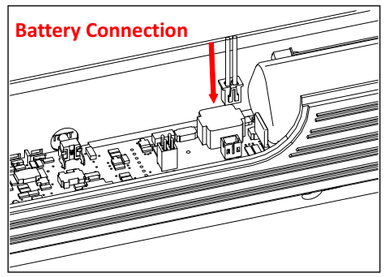
CHARGE (green)	LAMP FAULT (red)	BATT. FAULT (red)	Description		
				● Permanently ON	○ Off
				◉ Blink	∅ Indifferent
●	∅	∅	Good charge condition		
○	∅	∅	No Battery (No charging current or disconnected battery)		
∅	●	∅	Light source fault		
●	∅	◉	Autonomy or low battery problem		
○	∅	◉	No charging current or disconnected battery		

Installation Instructions



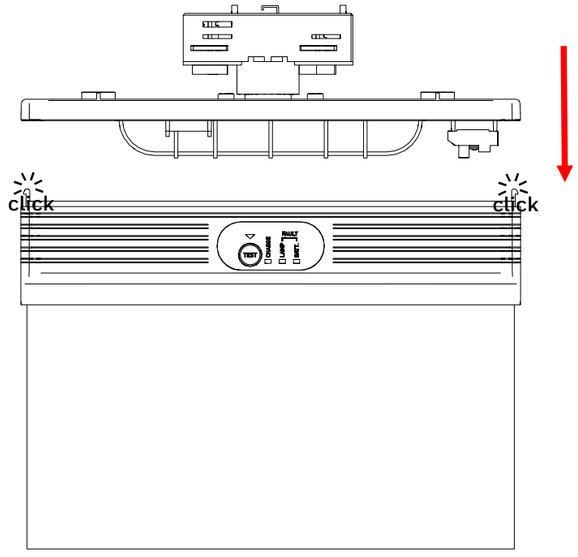
Refer to page 4 and scan the QR Code to watch the disassembly procedure.

1



Connect the battery cable to its respective connector on the PCB.

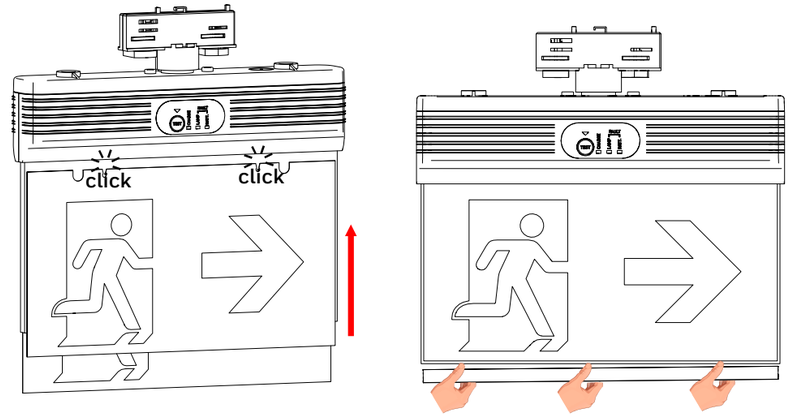
2



Assemble the base of the luminaire onto the luminaire.
Pay attention to the orientation of the plastic parts during assembly.
Note: The power connection is already attached to the luminaire. The luminaire is ready for use once it is connected to the track system.

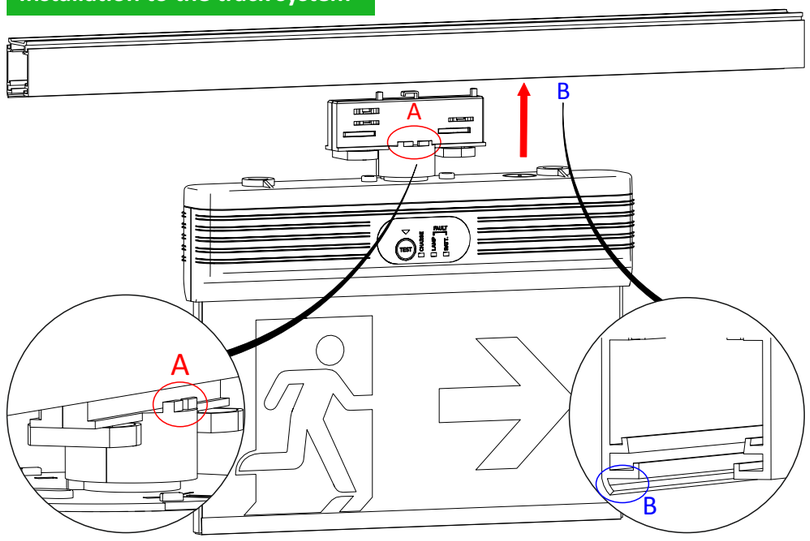
3

Pictogram Installation



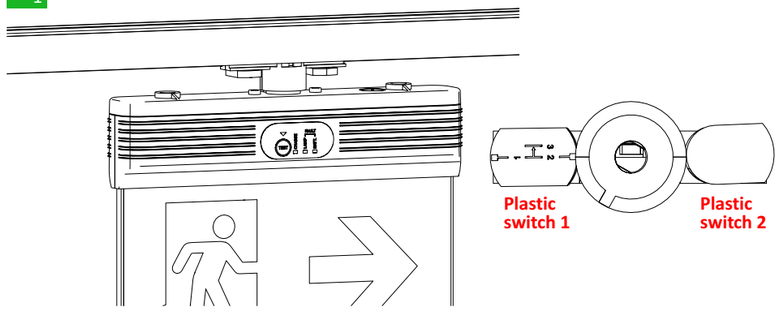
1. Install the desired pictograms and push upwards until you hear a "click".
2. Attach the plastic retaining clip to secure the pictograms in place.

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.

1

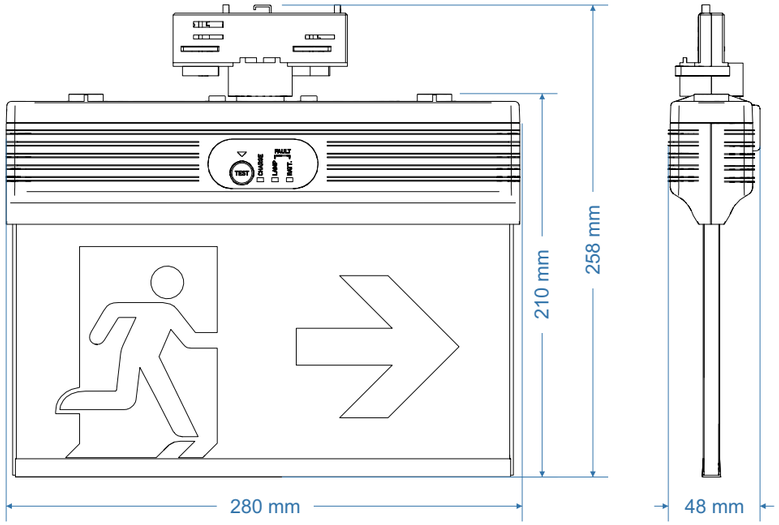


Rotate the two plastic switches to lock the adapter onto the track.
Note: Plastic switch 2 is used solely to secure the adapter to the track, while plastic switch 1 is used to select the phase on which the luminaire will operate.

2

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.

Dimensional drawing



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 top 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 top cover.

NOTE: LED= Light Emitting Diode

LABELING EXPLANATION:

X: Self contained

1: Maintained operation/Non maintained operation **(*)**

A: Including test device

G: Internally illuminated safety sign

180: 3 hours duration

X 1 A G 180

(*) 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 mains 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.

Scan the QR Code to watch the disassembly procedure of the luminaire.

Technical Characteristics

	PLD-25/NiMH/TL	PLD-25/NiMH/BLACK/TL
OPERATION VOLTAGE	220-240V AC / 50-60Hz	
MAXIMUM POWER CONSUMPTION	3.5W / 4VA	
BATTERY (Ni-MH)	3.6V/1.5Ah	
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	
INDICATIONS	LED Charge, Lamp Fault LED, Battery Fault LED / Test Button	
CHARGE TIME	24 ώρες	
MINIMUM DURATION	3 hours	
LIGHT SOURCE	12 White LED	
LIGHT SOURCE LUMINOUS FLUX MAINS	90lm	
LIGHT SOURCE LUMINOUS FLUX EMERGENCY	100lm	
DEGREES OF COVER PROTECTION	IP44	
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	
VIEWING DISTANCE	26m	
RELATIVE HUMIDITY	Up to 95%	
CONSTRUCTION MATERIAL	Fire retardant ABS, Acrylic plate	
COLOR	White	Black
EXTERNAL DIMENSION W/O ADAPTER (L x W x H)	280x48x210mm	
WEIGHT	900 g	
GUARANTEE	3 years (1 year for the battery)	

LED Characteristics

MANUFACTURER	Olympia Electronics S.A.
MODEL NUMBER	0409153
VOLTAGE RANGE	11-14V DC
NOMINAL POWER	780mW
CONNECTIONS	Non reversible connection between main pcb and led module
TEMPERATURE (tc)	45°C max. across the board

Warranty

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for a safer world!

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SAFETY & SECURITY SYSTEMS
for a safer world!

SELF TESTING MAINTAINED EMERGENCY ILLUMINATION SIGNS FOR TRACK LIGHT SYSTEM

IP44 | M Maintained | NM Non maintained | 26m | 3h | 100lm | Ni-MH

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