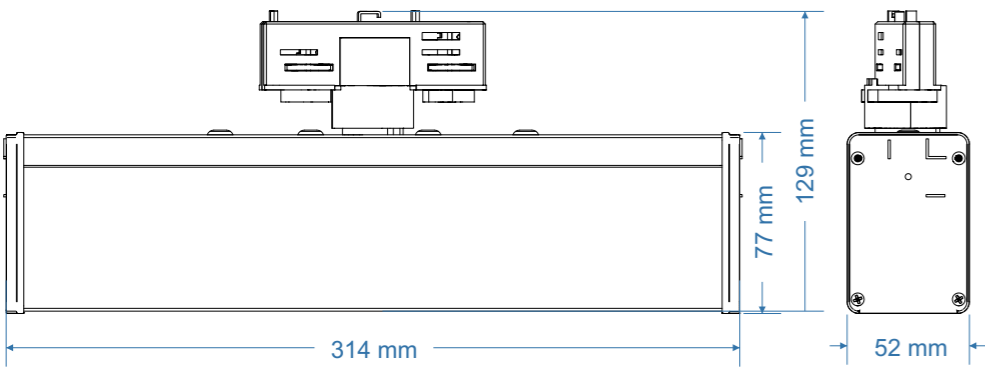


Dimensional drawing



Battery Replacement

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

1. Disassembly the luminaire.
2. Disconnect the battery and install a new one of the same type and characteristics.
3. Re-assembly the luminaire.

NOTE: LED= Light Emitting Diode

LABELING EXPLANATION:

X: Self contained

1: Maintained/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: 1 hour duration

180: 3 hours duration


480: 8 hours duration

X 1 A E F 6 0

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

Technical Characteristics

LINEAR 30/NiMH/ST/TL	
OPERATION VOLTAGE	220 - 240V AC / 50-60Hz
MAXIMUM POWER CONSUMPTION	7.5W / 7.8VA
SUPPLY CURRENT	34mA
U-OUT	17V
Prated	Mains: 3.2W / 1h: 3W / 3h: 1.2W / 8h: 0.53W
Irated	Mains: 298mA / 1h: 282mA / 3h: 117mA / 8h: 52mA
MAX. OPERATION CIRCUIT VOLTAGE	17V
WIRE CROSS SECTION	0.8 - 2.5mm ²
MINIMUM POWER FACTOR	0.8
INSULATION BETWEEN SUPPLY & CONTROL TERMINALS	Basic Insulation
INSULATION BETWEEN SUPPLY & BATTERY CIRCUIT	Basic Insulation
BATTERY (Ni-MH)	4.8V / 1.7Ah
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	4.1V - 6V
MIN. MAX. DISCHARGE CURRENT	110 - 980mA
MIN. MAX. CHARGE CURRENT	135mA
TRICKLE CHARGE VOLTAGE	6.1V
MAX CHARGER VOLTAGE	6.5V
INDICATIONS/CONTROLS	LED Fault, LED Charge / Test Button
CHARGE TIME	23 hours
MINIMUM DURATION	1h / 3h / 8h
LIGHT SOURCE	32 White LED
LIGHT SOURCE LUMINOUS FLUX (MAINS)	600lm
LIGHT SOURCE LUMINOUS FLUX (EMERGENCY)	1h: 560lm / 3h: 240lm / 8h: 110lm
DEGREES OF COVER PROTECTION	IP42
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 - 40°C
CONTROL GEAR MAX. TEMPERATURE: tc	55°C at D6, D7
RELATIVE HUMIDITY	Up to 95%
CONSTRUCTION MATERIAL	ABS/PC, PC, Aluminium
MATERIAL COLOR	BLACK
EXTERNAL DIMENSIONS W/O ADAPTER (L x W x H)	314 x 52 x 77 mm
WEIGHT	700gr
GUARANTEE	3 years (1 year for the battery)
CONTROL GEAR WITH AUTOMATIC TEST FUNCTION	EL-T

LED Characteristics

MANUFACTURER	Olympia Electronics S.A.
MODEL NUMBER	1312243
VOLTAGE RANGE	10.4V - 12V
NOMINAL POWER (1h / 3h / 8h)	0.93W / 0.37W / 0.16W
CONNECTIONS	Cable connection
TEMPERATURE (tc)	48°C max. across the board

Warranty



72nd km. O.N.R. Thessaloniki-Katerini
P.C. 60300 P.O. Box 06 Eginio Pierias Greece
www.olympia-electronics.com
info@olympia-electronics.com



**SELF-TESTING
MAINTAINED/NON-MAINTAINED
EMERGENCY LUMINAIRES
FOR TRACK LIGHT SYSTEM**



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

Package Contents

- 1 Luminaire with adapter
- 1 Set screws for luminaire
- 1 Manual

General

Manual Operational Test

The operational test is initiated by briefly pressing the TEST button. The light source and the emergency circuit of the device are tested. The manual operational test can be conducted only if the mains power supply and the battery are connected. During this test period, the CHARGE LED starts blinking rapidly. The battery must have an adequate charge. This test lasts for 3 seconds.

Manual Autonomy Test

The manual autonomy test is initiated by pressing and holding the TEST button for 5-10 seconds. In order to perform this test, the mains power supply should be connected, and the battery should be fully charged. The luminaire enters emergency mode, and the CHARGE LED starts blinking rapidly. The test lasts for the stated autonomy duration of the luminaire. If, at the end of the test, the autonomy is lower than the nominal value, the FAULT LED will light up, indicating that the battery needs to be replaced. If the result of the test is satisfactory, the luminaire enters charging mode, and the CHARGE LED continues to blink rapidly until the battery is fully charged.

Automatic Operational Test

This test includes all the operations provided in the Manual Operational Test and is conducted automatically every 15 days, lasting 3 seconds.

Automatic Autonomy Test

The Automatic Autonomy Test is conducted annually and measures the device's backup operation and emergency duration. This test includes all functions of the Manual Autonomy Test.

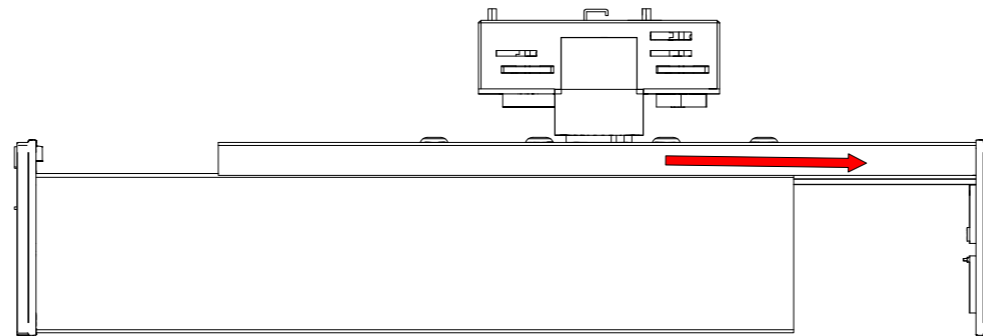
ATTENTION!!!

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 3x1mm² 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. To prevent luminaires from performing their autonomy test on the same day, ensure there is at least a 1.5-minute gap between connecting the battery packs.
8. It is not allowed to discard batteries into common trash bins; they must be discarded only at battery recycling points. Do not incinerate.

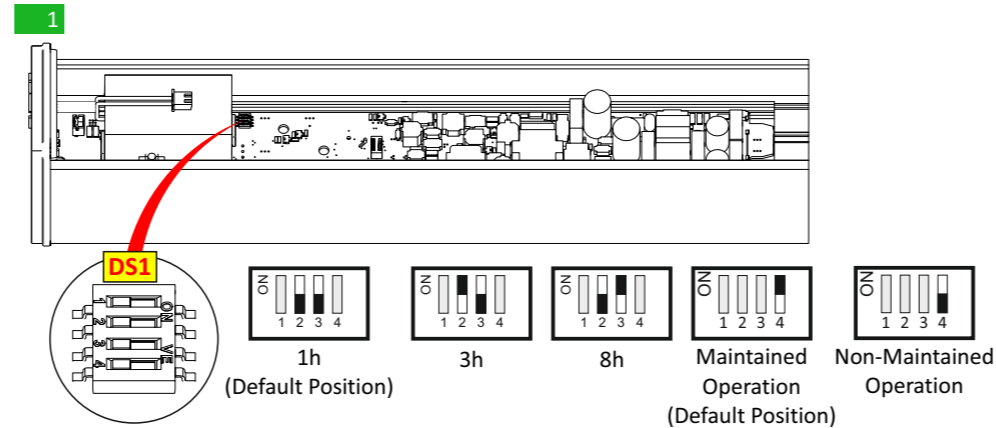
Indications LED Status

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

Installation



Slide the luminaire's mounting base to disassemble it.



The user can select one of the three available minimum autonomy durations: 1 hour, 3 hours, or 8 hours. Selection is made using Switches 2 and 3 of DS1.

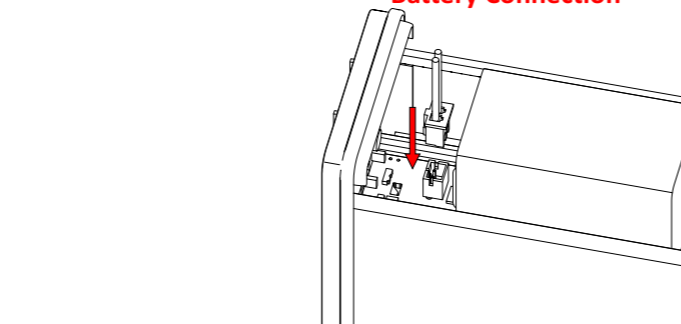
The package includes two additional labels: one for a 3-hour duration (180) and one for an 8-hour duration (480).

Depending on the selected duration, the installer must replace the default 1-hour (60) label with the appropriate label. Ensure that the label is correctly oriented.

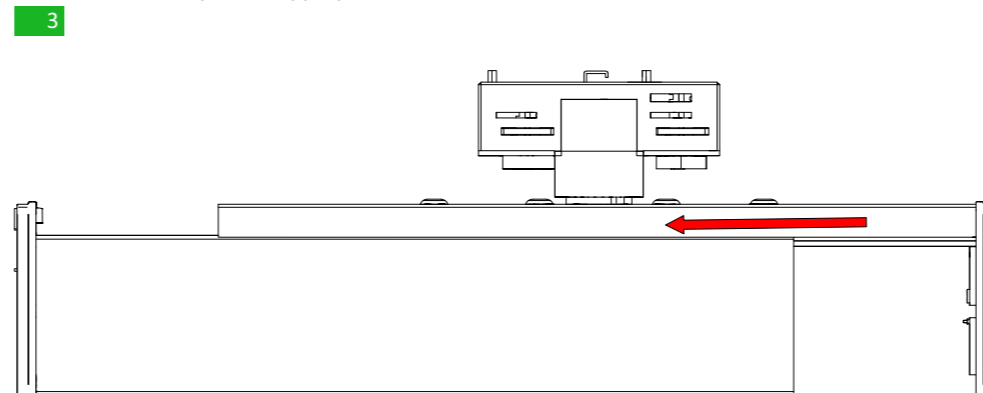
The luminaire's maintained or non-maintained operation is controlled via Switch 4 of DS1.

ATTENTION! Selection must be performed while the luminaire is disconnected from both the AC power supply and the battery.

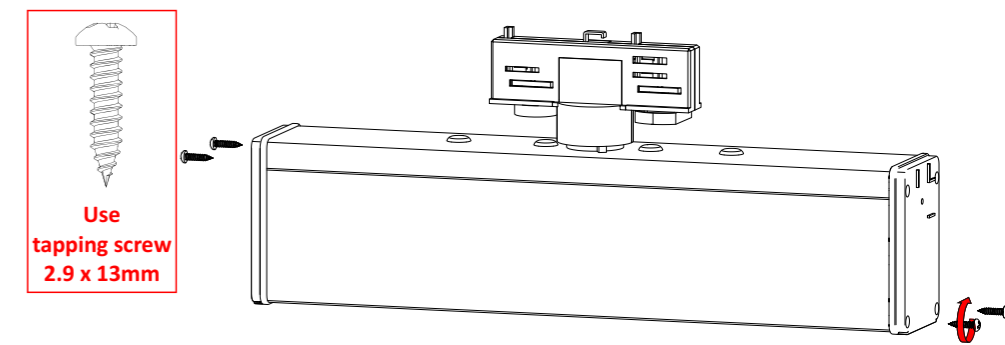
Battery Connection



Connect the battery to the appropriate connector on the PCB.



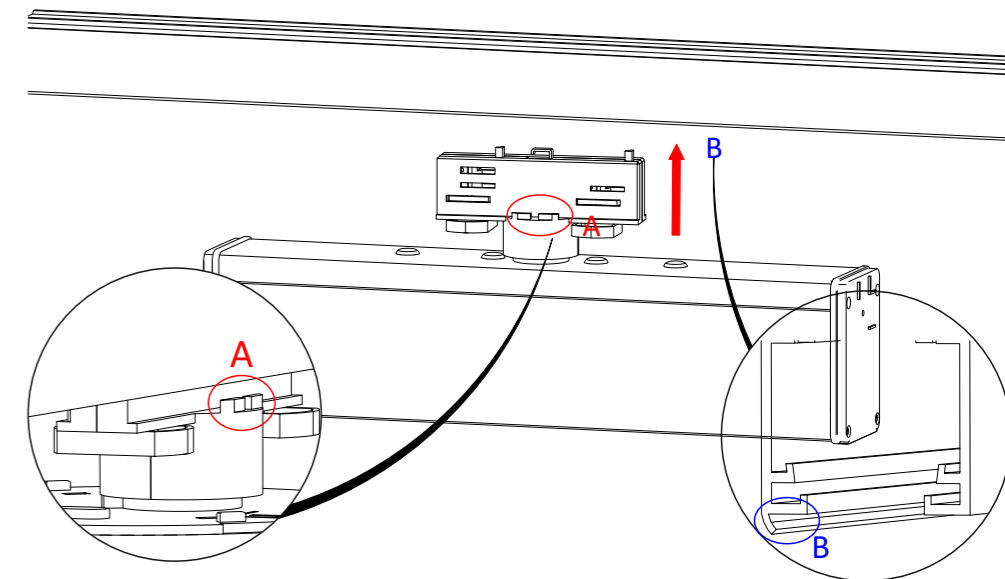
Slide the luminaire back onto its base.



Use the included screws to secure the luminaire onto the mounting base.

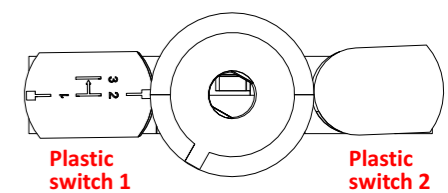
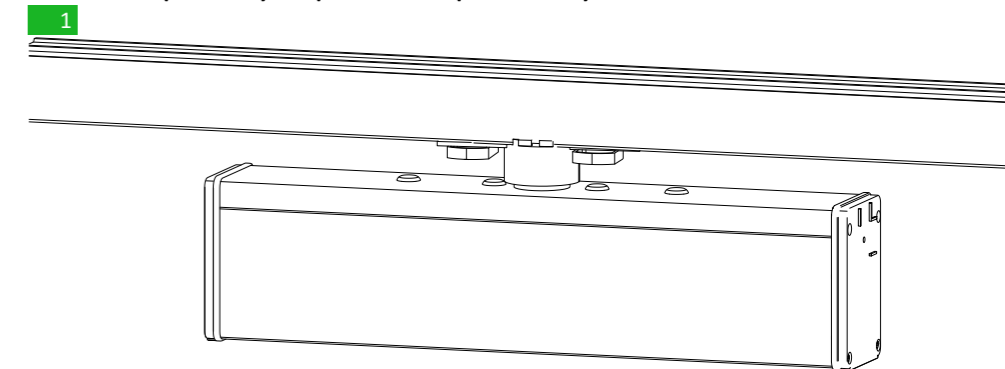
Note: The power connection is already attached to the luminaire. The luminaire is ready for use once it is connected to the track system.

5 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.