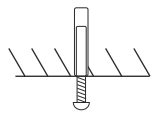
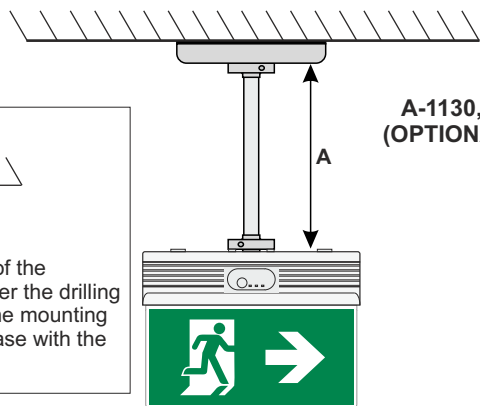


HANGING INSTALLATION



GENERAL!!

Measure the distance of the mounting holes and after the drilling place on these spots the mounting plugs and fasten the base with the mounting screws.



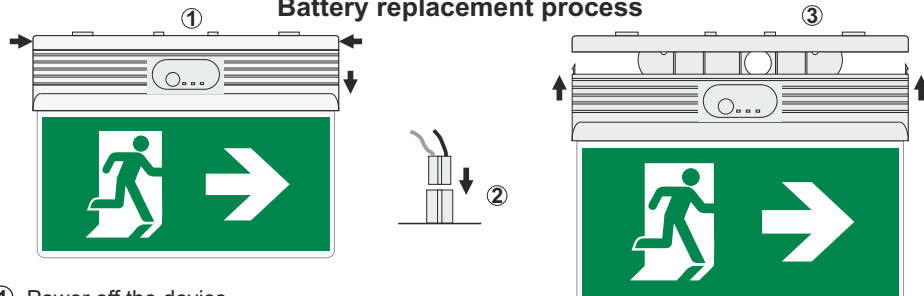
A-1130, A-1131, A-1132 SET
(OPTIONAL AFTER REQUEST)

	Tube
A-1130	A=1m
A-1131	A=0.5m
A-1132	A=0.25m


LED MODULE CHARACTERISTICS

LED MODULE CHARACTERISTICS	
PLD-25/NiMH	
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

Battery replacement process



- ① Power off the device
- ② Dismantle the luminaire by pushing the lock/unlock hooks on each side and pull it down.
- ③ Remove the old battery and install the new battery's connector to the appropriate P.C.B connector.
- ④ Place upwards the luminaire until the plastic hooks are securely locked.
- ⑤ Power on the device.

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

NOTE: LED= Light Emitting Diode LABELING EXPLANATION:

X: Self contained
1: Maintained (*)
A: Including test device
G: Internally illuminated safety sign
180: 3 hour 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.

PLD-25/NiMH SELF TESTING MAINTAINED EMERGENCY LED ILLUMINATION SIGN



TECHNICAL CHARACTERISTICS (for LED MODULE SPECS. see page 4)

Mains voltage	220-240V AC/50-60Hz
Maximum power consumption	3.5W / 4VA
Battery (Ni-MH)	3.6V/1.5Ah
Battery protection	Overcharging and full discharging protection
Indications / Control	Charge LED, Lamp Fault LED, Battery Fault LED / Test button
Recharging time	24h
Minimum emergency duration	3h
Light source intensity (230V / emerg.)	90lm / 100lm
Viewing distance	26m
Degrees of cover protection	IP 44
Produced in accordance with	EN 60598-1, EN 60598-2-22, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3, EN 1838
Operation temperature range	5 to 40 °C
Relative humidity	up to 95%
Construction materials	Fire retardant ABS, plexiglas
External dimensions (LxWxH)	280x49x209mm
Typical weight	890gr.
Guarantee	3 years (1 year for the battery)

Thank you for purchasing this product of Olympia Electronics. A European manufacturer.

GENERAL

These luminaires are used indoors (ta 40°C) where emergency light is needed.

Each luminaire must be permanently connected to mains power supply.

In normal operation the led strip lights and the battery is charging.

In case of a mains power supply failure the luminaire will light the led strip automatically in emergency mode (powered by its battery). When the mains power supply is restored the device turns to normal operation.

INSTALLATION

To install the luminaire follow the installation instructions on page 2,3,4.

Battery charging

The battery charging is completely controlled. Thereby, the best possible battery maintenance is achieved, as well as the elongation of its duration. When the battery has completely charged, it charges with a maintenance current.

Battery Cut-off

The luminaire enters in this operation when the mains power supply fails and battery has lost its energy. During this operation the luminaire enters the idle state and battery consumption is negligible, in order to be protected from deep discharge.

Manual Test

This test can be done by pressing the test

button. The light source and the emergency circuit of the device is monitored. The manual test can be conducted only if the main power supply and the battery is connected. During this test period all indication LEDs are OFF.

Automatic operational test

This test includes all the operations that provide the manual test and is conducted automatically every 15 days. In order to be performed, the main power supply and the battery should be connected.

Automatic Autonomous Test

The Automatic autonomous Test is conducted and measures the device's back up operation and emergency duration. This test is conducted automatically every 6 months. In order to be performed, the main 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.

Back Up Operation

The autonomous duration of battery during emergency mode is at least the one that is stated in the list of the technical characteristics. During emergency mode, a light source test is also performed.

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. The luminaire will erase first 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 no-maintained mode. The change is recorded permanently in its memory.

Indication LED status (with connected mains power supply).

Charge

On: Good charge condition.

Off: No battery (No charging current or disconnected battery).

Lamp fault

On (with LED strip off): faulty LED strip (must be replaced).

On (with LED strip on): Problem in the back up circuit of the LED strip (must be checked by an authorized personnel).

Off: Good LED strip.

Battery Fault

Off: Battery OK.

Blink (With Charge LED ON): Autonomy or low battery problem (the battery must be replaced).

Blink (With Charge LED Off): No charging current or disconnected battery.

ATTENTION!!!

1. Operations for installation, maintenance or testing must be done by authorized personnel only.

2. The device must be connected to the mains power supply through a fuse that is dependent on the total amount of the line's power load.

3. In case of battery or lamp replacement, these must be replaced by parts with same type, by the manufacturer or by a competent person.

4. In case of inactive use for a period greater than 2 months, disconnect the battery by pulling out the battery's connector.

5. **It is not allowed to discard batteries in to common trash bins, they must be discarded only in battery recycling points. Do not incinerate.**

INSTALLATION INSTRUCTIONS

ELECTRICAL CONNECTIONS

① Dismantle the luminaire by pushing the lock/unlock hooks on each side and pull it down.

② Pass thru the cables from the entry hole and connect them as shown in the picture. **N** for neutral **L** for live wire and **PE** for ground (optional).

③ Connect the battery's connector to the respective connector on P.C.B.

④ Place upwards the luminaire until the plastic hooks are securely locked.

⑤ Power on the device.

FLAG MOUNTING INSTALLATION (optional)

Install the flag mounting base on the wall (page 3) and perform the respective steps of the electrical connections.

SURFACE MOUNTING ON A WALL (single sided)

Dismantle the luminaire, install the plastic bracket on the wall (page 3) and perform the respective steps of the electrical connections.

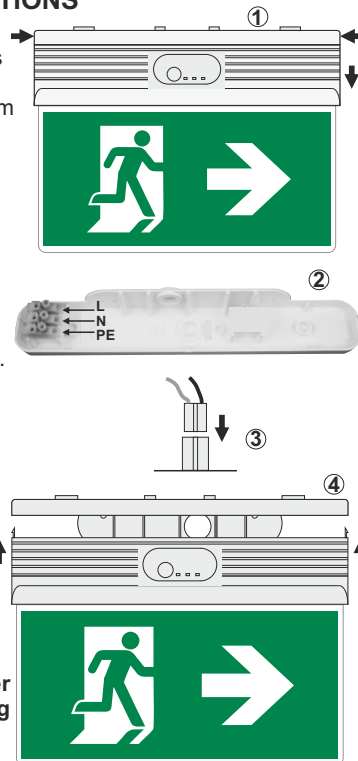
CEILING INSTALLATION

Dismantle the luminaire, install the plastic bracket on the ceiling (page 3) and perform the respective steps of the electrical connections.

HANGING INSTALLATION (optional)

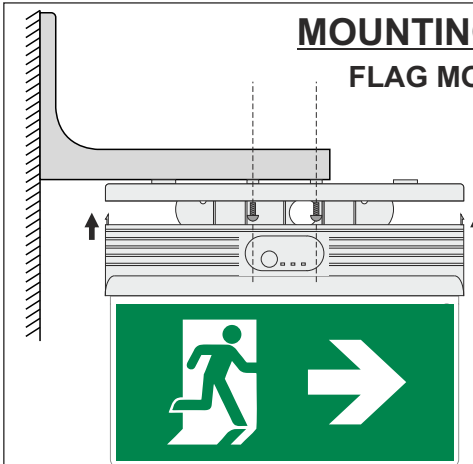
Install the mounting base (tube) on the ceiling (page 4) and perform the respective steps of the electrical connections.

NOTE!! After finishing the installation you must power the luminaire for at least 24 hours for battery charging to perform the named autonomy.

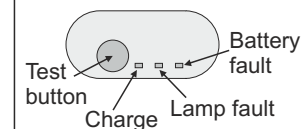


MOUNTING METHODS

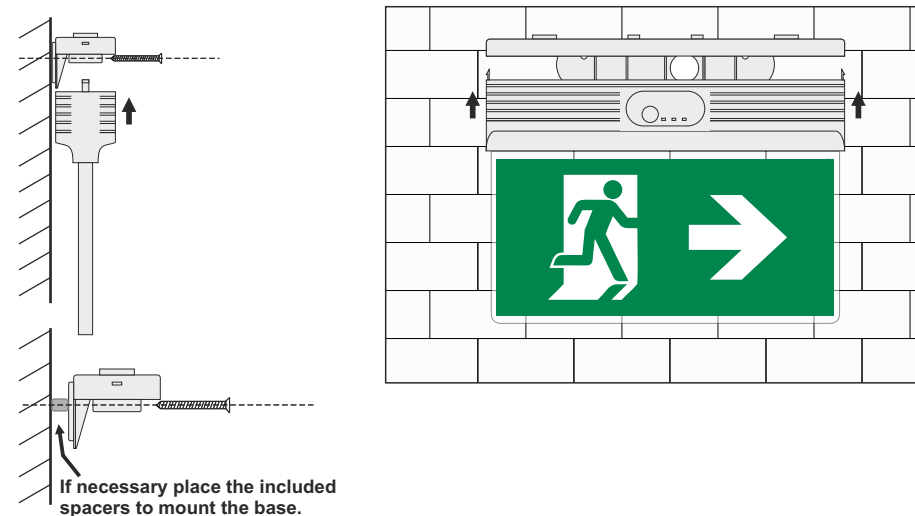
FLAG MOUNTED ON A WALL



Indications



SURFACE MOUNTING ON A WALL (single side luminaire)



CEILING MOUNTED

