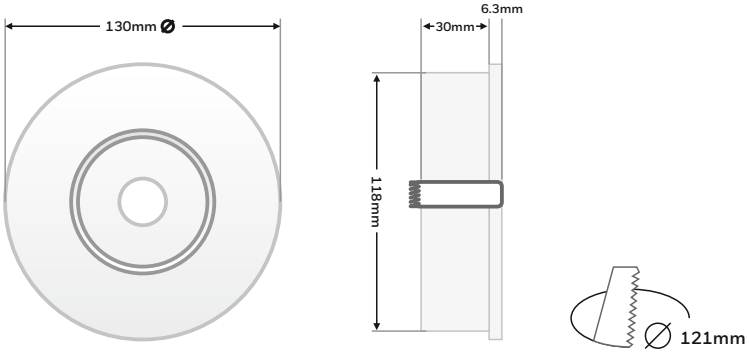
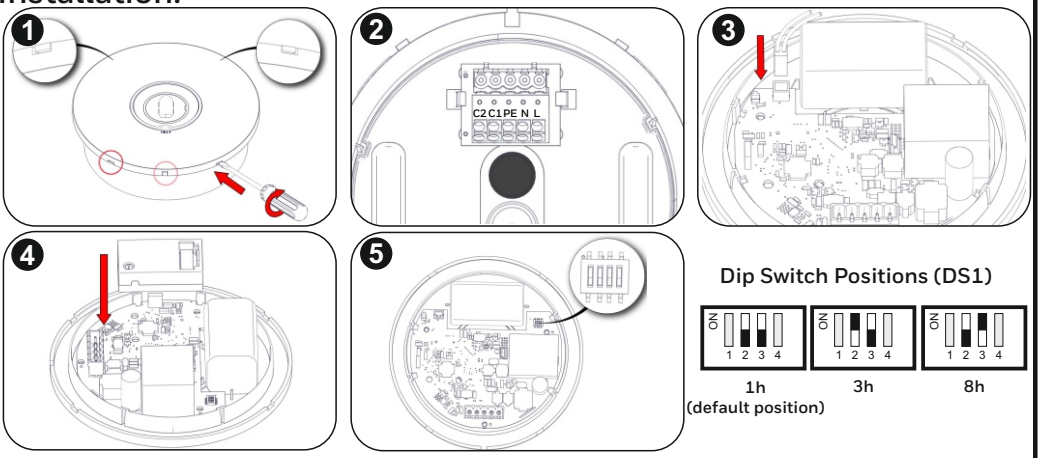
Dimensional Drawings:



Installation:



Dip Switch Positions (DS1)

1h (default position) 3h 8h

In order to install the proper lens see the appropriate installation procedure on the next page.

Step 1: Place a flat blade screwdriver on the **5** marked positions and swift it, pull up gently the bottom cover and remove it.

Step 2: Mount the bottom cover on the false ceiling, make sure that the light direction is correct (marked in bottom cover). Pass the mains cable through the hole and connect them to the terminal blocks. L for live wire N for neutral. The ground terminal is for termination purposes only. Power supply cables cross section should be 5 – 8 mm^2. Terminal block capability: 0.8 - 2 mm^2. The C1 and C2 terminals are used for elBus communication (optional), DALI communication (optional) or voltage free contact (optional).

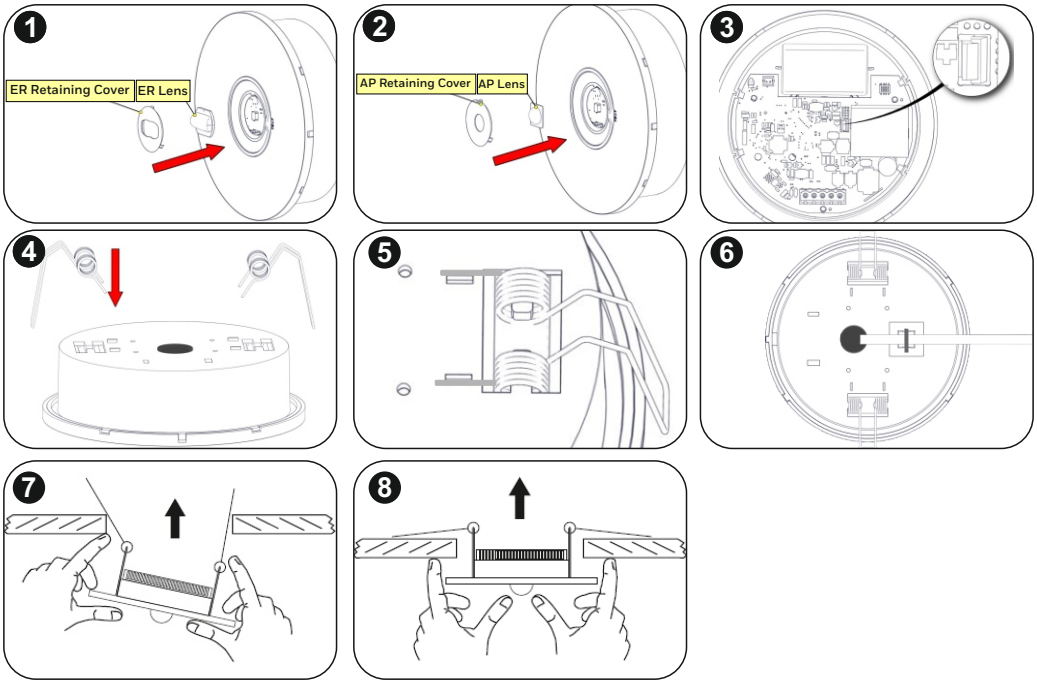
Step 3: Connect the battery cable to its respective connector on the PCB.

Step 4: In case you use a module, connect it on the PCB.

Step 5: 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.

Step 6. Refit the main body of the luminaire to the bottom cover.

Lens Installation & Mounting Instructions:



In order to place the proper lens (Anti - panic or escape route), first be sure that the luminary is not connected in the mains power supply and the battery is disconnected. Be carefull not to touch the LED with your hand.

1: Place the escape route lens on the luminaire and then the escape route retaining cover.
2: Place the anti-panic lens on the luminaire and then the anti-panic retaining cover.
3: In order to change the lens, remove the main body of the luminaire (Step 1 of Installation procedure) and push with your hand the retaining clip.

To install the spot on the false ceiling follow the next steps.
Step 4: Install the 2 springs contained in the package to the bottom cover of the luminaire.
Step 5: Install the 2 springs as show in picture 5.
Step 6: Clean the luminaire's surface, install the included tie-wrap to the included adhesive tether loop and fasten securely the power cable in order to anchor it.
Step 7: Bend one spring, to get into the holes of the suspended ceiling.
Step 8: Bend the other spring and push the luminaire upwards until it is securely mounted. The device is now ready to operate.

Important notice when installing luminaires within the same area!!!
To avoid that luminaires perform their battery test at the same day, connect the battery packs with more than 1,5 minutes inbetween.

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 description	Ova-OmniLED PRO Round R ER/AP NM ST LED 230V 10Y 138h
Part no.:	138177.10
Operation Voltage:	220-240V AC, 50-60 Hz
Maximum Power Consumption:	4W / 4.2VA
Emergency mode duration:	1h / 3h / 8h manually selected (default 1h)
Lumen output:	1h: 300lm 3h: 200lm 8h: 90lm
Battery ($LiFePO_4$):	6.4V / 1.2Ah
Battery protection:	Over charge protection / deep discharge protection
Charging time:	16 hours
Produced in accordance with:	EN 60598-1, EN 60598-2-22, EN 55015 EN 61547, EN 61000-3-2, EN 61000-3-3
Ambient Temperature Range:	5 to 40 °C
Relative Humidity:	Up to 95%
Degress of cover protection:	IP40
Technical lifetime (light source):	> 100000 hours
Weight:	330 gr
Expected battery lifetime:	10 years
Controlgear classification in accordance with IEC 62034: with automatic test function	
The controlgear is proof against supply voltage polarity reversal.	
The controlgear has mains-connected windings of transformer.	

In case that the luminaire no longer meets its rated duration of operation, the battery must be replaced.

Battery Replacement:

Disconnect mains, carefully remove the luminaire from the ceiling. Remove the bottom cover (Step of 1 of installation). Disconnect the battery and install a new one of the same type and charatecteristics. Refit the cover.

Note: *In case of battery replacement, this must be replaced with parts of the same type and characteristics. The replacement must be performed by the manufacturer of a competent person.*

Note: *If the supply cable of the luminaire is damaged, it shall exclusively be replaced by a competent person in order to avoid hazard.*

Note: *In case of mains power disconnection for a period of more that two months, the battery must be disconnected.*

At the end of their useful life the packaging, product and batteries should be disposed of via a suitable recycling centre.
Do not dispose of with your normal household waste.
Do not burn.

CE

Indicator LEDs GREEN	Indicator LEDs RED	Description
		Normal
		Charging (battery test not possible while charging)
		Mains off, battery not connected or charger fault
		Battery test (Duration: 1h,3h,8h)
		Battery fault
		Light source test (Duration: 3s)
		Light source fault
		Battery fault and light source fault

LED Status explanation

The Ova-OmniLED PRO Round R is a self-contained non-maintained luminaire with selftest function.

Selftest functions

Every 15 days the luminaire will perform an emergency operation test. This will turn on the light source for approximately 3 seconds. The green LED will flash during this test sequence.

Every 6 months the luminaire will perform a battery condition test. The test will last for the chosen capacity. The light source will be lit and the green LED will flash during this test sequence.

Note: *When using DALI or Wireless communication, the frequencies and schedules for tests will instead be determined by the connected PC software.*

Manual test functions

Manual tests can only be performed if both mains and battery are connected.

By pressing the test button briefly (less than 5 seconds) an emergency operation test is performed. The light source will be lit for approximately 3 seconds, the green LED will flash during this test sequence.

By pressing the test button for between 5 and 10 seconds a battery condition test is performed.
This test will last for the chosen capacity and can only be performed when the battery is fully charged (steady green LED). The light source will be lit and the green LED will flash during this test sequence.

Resetting errors

Push the test button for >10 seconds to delete all indicated errors. Then the luminaire enters regular operation mode.