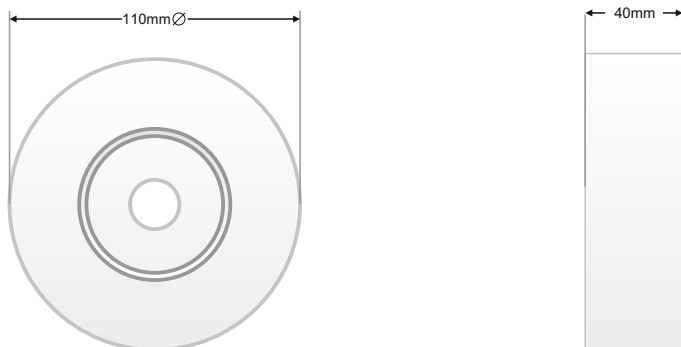
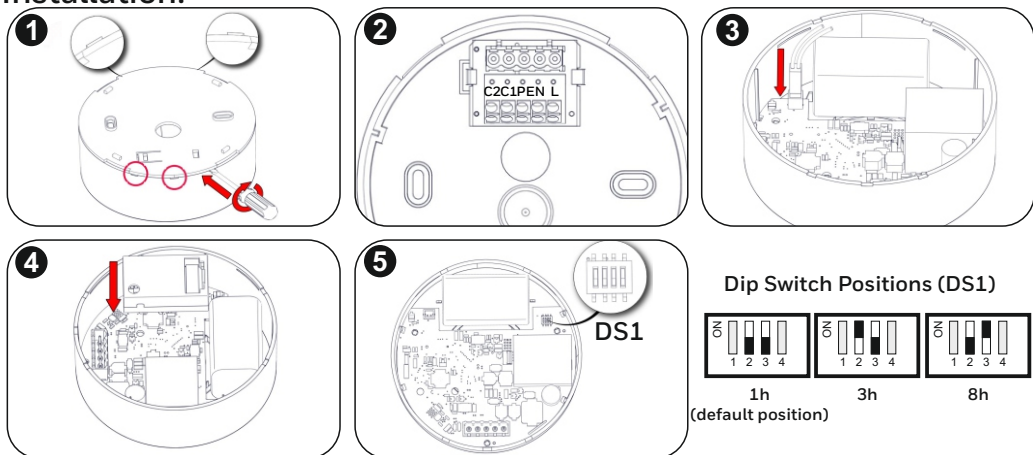


### Dimensional Drawings:



### Installation:



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 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 optional. Power supply cables cross section should be 0.8 – 2 mm<sup>2</sup>. 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.

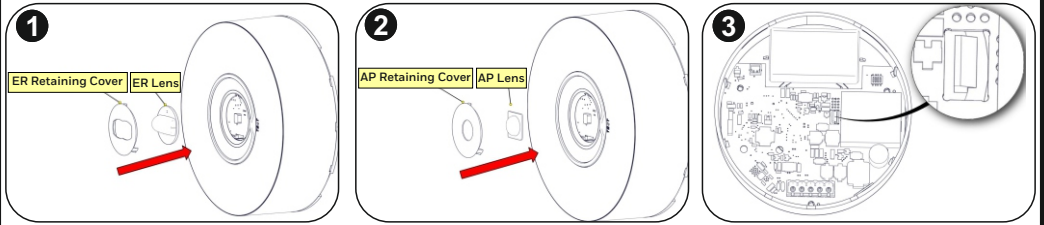
**Step 4:** In case you use a module, connect it on the PCB.

**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 luminaire to the bottom cover.

## Lens Installation:



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. Be careful 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.

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 characteristics. 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 than two months, the battery must be disconnected.

### 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.

<b>Technical description</b>	Ova-OmniLED PRO Round Surface ER/AP NM ST LED 230V 10Y 138h
<b>Part no.:</b>	138003.10
<b>Operation Voltage:</b>	220-240V AC, 50-60 Hz
<b>Maximum Power Consumption:</b>	4W / 4.2VA
<b>Emergency mode duration:</b>	1h / 3h / 8h manually selected (default 1h)
<b>Lumen output:</b>	1h: 300lm      3h: 200lm      8h: 90lm
<b>Battery (LiFePO<sub>4</sub>):</b>	6.4V / 1.2Ah
<b>Battery protection:</b>	Over charge protection / deep discharge protection
<b>Charging time:</b>	16 hours
<b>Produced in accordance with:</b>	EN 60598-1, EN 60598-2-22, EN 55015 EN 61547, EN 61000-3-2, EN 61000-3-3
<b>Ambient Temperature Range:</b>	5 to 40 °C
<b>Relative Humidity:</b>	Up to 95%
<b>Degree of cover protection:</b>	IP40
<b>Technical lifetime (light source):</b>	> 100000 hours
<b>Weight:</b>	300 gr
<b>Expected battery lifetime:</b>	10 years
<b>Controlgear classification in accordance with IEC 62034: with automatic test function</b>	
<b>The controlgear is proof against supply voltage polarity reversal.</b>	
<b>The controlgear has mains-connected windings of transformer.</b>	



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.



Indicator LEDs	Description
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>GREEN</p>  </div> <div style="text-align: center;"> <p>RED</p>  </div> </div>	Normal
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>	Charging (battery test not possible while charging)
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>	Mains off, battery not connected or charger fault
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>	Battery test (Duration: 1h,3h,8h)
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>	Battery fault
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>	Light source test (Duration: 3s)
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>	Light source fault
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>	Battery fault and light source fault
<p>LED Status explanation</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Off         </div> <div style="text-align: center;">  On         </div> <div style="text-align: center;">  Slow Blink         </div> <div style="text-align: center;">  Fast Blink         </div> </div>	

The Ova-OmniLED PRO Round 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.