Dimensional Drawings:

AgoraLED IP42

234mm
330mm
210mm
302mm
94mm

AgoraLED IP65

234mm
333mm
210mm
307mm
100mm

EMERGENCY LIGHTING
AGORALED
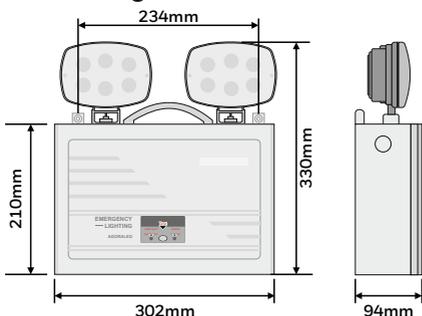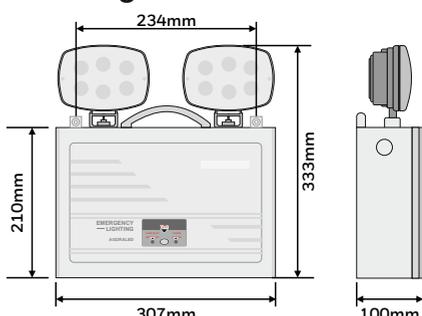
Installation: (Wall Mounting Only)

1

Mounting Holes

Cover retaining screws

EMERGENCY LIGHTING
AGORALED

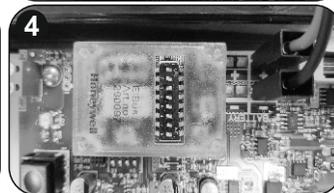**2** **AgoraLED IP42**

L

N

2 **AgoraLED IP65**

L

N

3

4

5

ON KE

DS1

Dip Switch Positions

ON
1 2 3 4
1h
(default position)

ON
1 2 3 4
3h

ON
1 2 3 4
8h

6

C1 C2

7
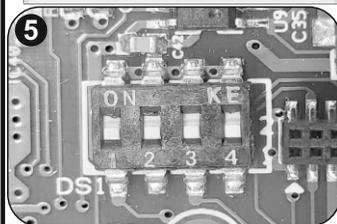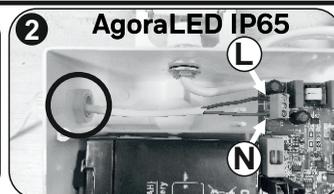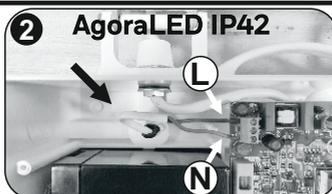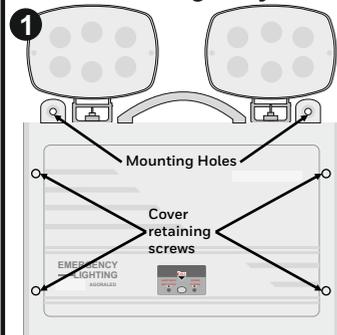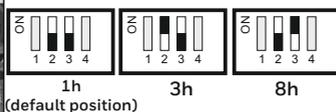
Step 1: Hold the device on the wall and mark the holes with a marker. The distance between the mounting holes is 234mm. Drill the holes. Use the supplied mounting accessories to mount the device. Remove the four cover retaining screws.

Step 2: Install the cable grommet and pass the round cable. Connect the cables to the respective positions in the terminal block L for phase and N for neutral. **Always use in any case round mains cable, with external diameter of 6-9mm (H05RN–F type 2x1mm^2 or any other type, at least equal to it's mechanical and electrical properties). ATTENTION!! The cable must not be deformed In any way.**

Step 3: Install the battery cable connectors to the batteries taking care of the polarity, black cable (–) and red cable (+).

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 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. Switch 1 and 4 are not used. Two additional labels are included in the package, one for 3 hours duration (180) and one for 8 hours duration (480). Depending on the selected duration, the installer must replace the default 1 hour (60) label with one that has the required duration. **Please take notice of the orientation of the label.**

Step 6: There is a terminal block for connection to the (optional) communication modules (elBus, DALI and pot. free), in the lower left corner of the PCB. The terminals are marked C1 and C2.

Step 7: Make a hole in the right side of the luminaire, install the rubber gasket and make a hole in the center by using a small screwdriver. Pass the round cables through the gasket and connect it on the terminals.

Step 8: Close the front cover and fasten it with the removed screws. (Tightening torque 1 N*m)

Indicator LEDs		Description
RED	GREEN	
Off	Blink	Battery charged
Any	Blink	Battery Charging
Any	Off	Emergency
Blink	Any	Lamp fault
Fast Blink	Any	Battery not connected
On	Any	Low Battery Capacity

LED Status explanation

○ Off	⊗ Blink (Blink)	⊘ Any
◉ On	⊛ Fast Blink	

CE

Technical description	AgoraLED NM LED 230V 2X6W 138	
Part no.:	138172	138173
Operation Voltage:	220-240V AC, 50-60 Hz	
Maximum Power Consumption:	11.4W / 11.8VA	
Battery:	12V / 7Ah Pb	
Battery Protection:	Overcharge protection / deep discharge protection	
Charging Time:	23 hours	
Emergency Mode Duration:	1h / 3h / 8h manually selected (default 1h)	
Lumen output, emergency:	1h: 3200lm / 3h: 1600lm / 8h: 800lm	
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:	IP42	IP65
Technical lifetime (light source):	> 100000 hours	
Weight:	4150 gr	42000 gr
Expected Battery Lifetime:	4 years	
Controlgear classification in accordance with IEC 62034: with automatic test function		

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.

The AgoraLED is a self-contained non-maintained emergency luminaire with selftest function.

Fault Reset:
Fault reset is performed by pressing the TEST button for more than 5 seconds.

Manual Test (Test Button):
Manual testing is only possible when both mains power supply and battery are connected. Test the lamps by pressing the TEST button briefly (<1 sec.).

Selftest Functions:

Lamp Test	- This is performed when luminaire is in emergency mode.
Emergency Circuit Test (every 15 days)	- Luminaire is switched to battery mode; lamps are lit for 3 seconds.
	- Luminaire is switched to battery mode; lamps are lit for the stated duration. Check of lamp and battery conditions

General:
During emergency mode the TEST button can be pressed repeatedly to select the light output to 100%, 50%, 33% or off (e.g. in order to conserve the battery energy is power failure happens during daytime).
This function is not available if the luminaire is set to 8h autonomy duration.
This selection is cancelled out when the mains power supply is restored.
A 2A mains fuse (non-replaceable) is mounted on the PCB. A 8AF glass fuse on the PCB is for protection against excessive lamp current and reverse battery connections.

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 in between.

Note: Disconnect the battery if luminaire is not supplied from mains for a longer period of time (>2 months).
Note: The light source is non replaceable.
Note: If the supply cable of the luminaire is damaged, it shall exclusively be replaced by a competent person in order to avoid hazard.