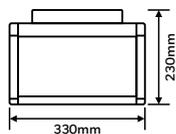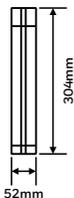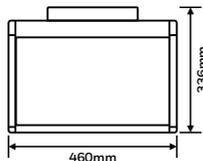## Dimensional Drawings:

MaxLED 26m

230mm
330mm

198mm
52mm

MaxLED 47m

336mm
460mm

304mm
52mm

MaxLED 65m

427mm
700mm

395mm
52mm

Installation:

1 PRESS HERE TO UNLOCK

2

3

4

5

1h
(default position)
ON 1 2 3 4

3h
ON 1 2 3 4

8h
ON 1 2 3 4

Switch 4 = ON
Maintained operation
(default position)
ON 1 2 3 4

Switch 4 = OFF
Non-maintained
operation
ON 1 2 3 4
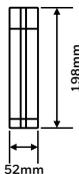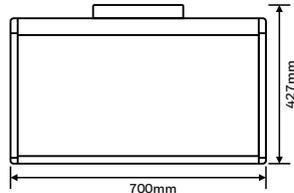
Step 1: To dismantle the luminaire, push the lock/unlock button, slide the luminaire to the left and pull it down.

Step 2: To gain access to the battery, lift the inner plastic cover (on top of the luminaire).
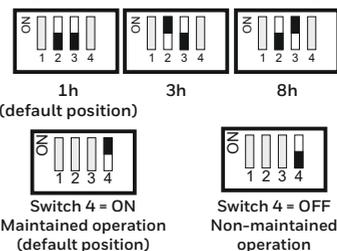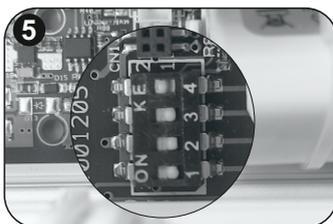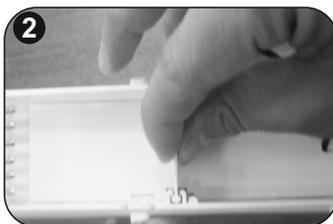
Step 3: Connect the battery cable to its respective connector on the PCB.

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

Step 5: The control of maintained or non maintained operation of the luminary is achieved through Switch 4 of DS1. For maintained operation, switch number 4 must be in ON position. For non-maintained operation, switch number 4 must be in OFF position.

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. Switch 1 is 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 remove the default 1 hour (60) label and replace it with one that has the required duration.

Pictogram Installation:
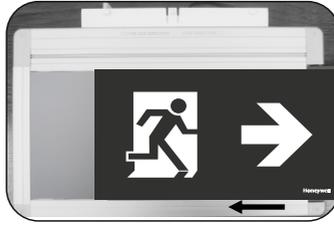
Step 1: To insert pictograms, first unscrew the two screws holding the side profile and remove the profile.
Step 2: For double sided pictogram, insert the appropriate pictograms to both sides and refit the profile.
For single sided pictogram, there is one blind pictogram in the package.

Mouting Methods:

The product contains bracket for wall mounting and spacers for ceiling mounting.

**Ceiling Mounting**   **Wall Mounting**
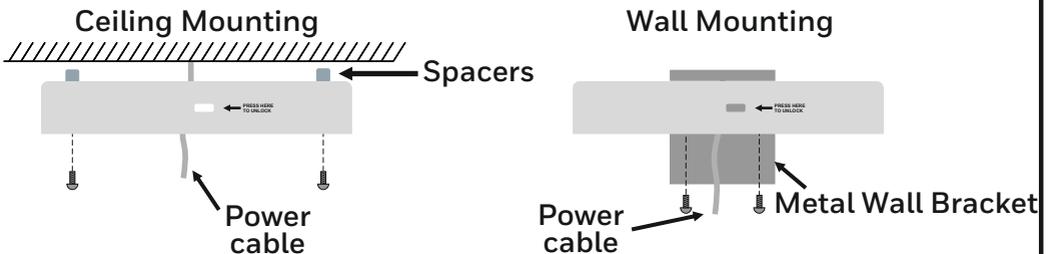
Step 1: Fasten the mounting part (with screws from within) to either wall bracket (supplied), ceiling (with or without supplied spacers). If mounted close to a wall make sure, that the unlock button is facing outwards.
Step 2: Pass the mains cables through the cable gland. Always use in any case round mains cable, with a diameter of 5-10mm (H05RN-F type 2x1mm² or any other type, at least equal to it's mechanical and electrical properties). ATTENTION!! The cable must not be deformed in any way (This requirement is important to ensure the IP rating). Connect the mains to terminal blocks: L for live wire, N for neutral and PE for ground. The C1 and C2 terminals are used for elBus communication (optional) or voltage free contact (optional).
Step 3: Tighten the cable tie around the cables.
Step 4: Slide the luminaire into the socket. The lock/unlock button appears indicating that the luminaire is securely installed.
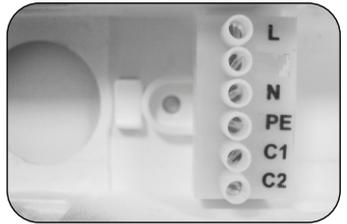
Important notice when installing luminaires within the same area!!!
To avoid that luminaires perform their battery test at the same day, connect the battery packs with more than 1,5 minutes inbetween.

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

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.

$C\epsilon$

Technical description	MaxLED 26m	MaxLED 47m	MaxLED 65m
Part no.:	138009	138254	138255
Operation Voltage:	220-240V AC, 50-60 Hz		
Maximum Power Consumption:	4.2W / 4.4VA	7.2W / 7.6VA	9.8W / 10.2VA
Battery (NiMH):	3.6V / 1.2Ah	4.8V / 1.2Ah	
Battery Protection:	Overcharge protection / Deep discharge protection		
Min./Max. Charge Current:	40 / 160mA		
Charge Voltage Range:	4 - 6V		
Charging Time:	16 hours		
Emergency Mode Duration:	1h / 3h / 8h manually selected (default 1h)		
Lumen output, normal:	280lm	550lm	900lm
Lumen output, emergency (1h/3h/8h):	280/110/40lm	425/170/60lm	425/170/60lm
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:	1068 gr	1591 gr	2355 gr
Expected Battery Lifetime:	4 years		
Controlgear classification in accordance with IEC 62034: with automatic test function			

The MaxLED is a self-contained LED exit sign with selftest function.
It can be configured as maintained or non-maintained.

Selftest functions

Every 15 days the luminaire will perform an emergency operation test. This will light the exit sign for approximately 3 seconds. The red indicator LED will flash during this test sequence.
Every 6 months the luminaire will perform a battery condition test. The test will last for the stated duration. The exit sign will be lit and the yellow indicator 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.

Indicator LEDs			Description
GREEN	YELLOW	RED	
On	Off	Off	Normal
Flashing	Off	Off	Charging (battery test not possible while charging
Off	Off	Off	Mains off, battery not connected or charger fault
Off	Flashing	Off	Battery test
On	On	Off	Battery fault
Off	Off	Flashing	Light source test
On	Off	On	Light source fault
On	On	On	Battery fault and light source fault

LED Status explanation
○ Off   ◍ On   ☀ Flashing

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 exit sign will be lit for approximately 3 seconds, the red indicator LED will flash during this test sequence.
By pressing the test button for a time space between 5 and 10 seconds, a battery condition test is performed. This test will last for the stated duration and can only be performed when the battery is fully charged (steady green indicator LED). The exit sign will be lit and the yellow indicator LED will flash during this test sequence.

Resetting errors

Push the test button for a time space between 10 and 15 seconds to delete all indicated errors. Then the luminaire enters regular operation mode.