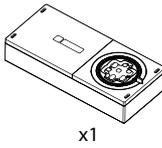
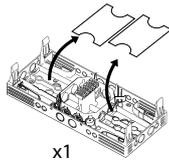
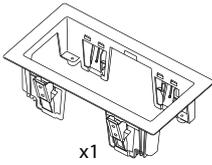
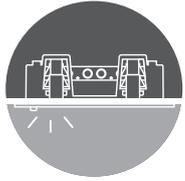
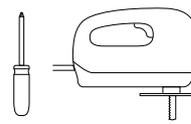


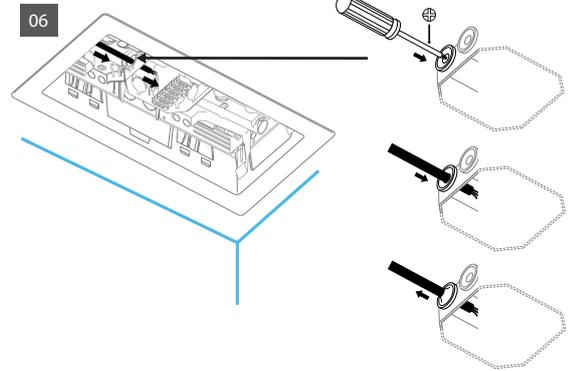
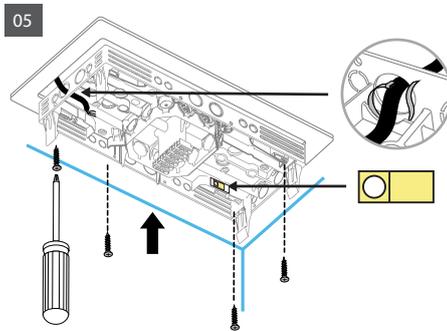
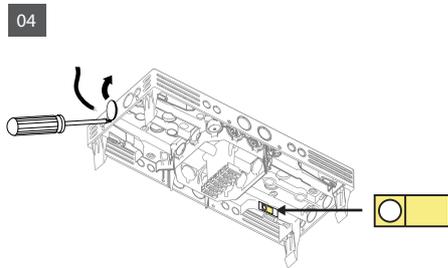
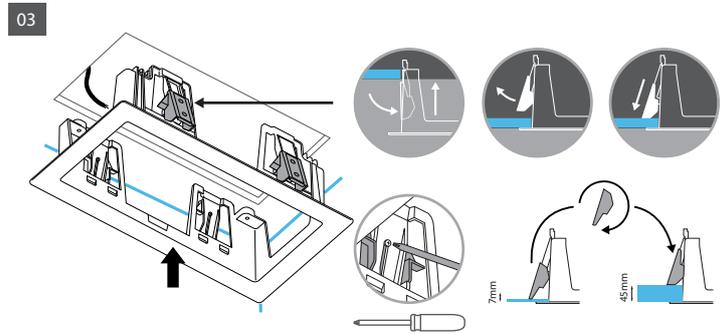
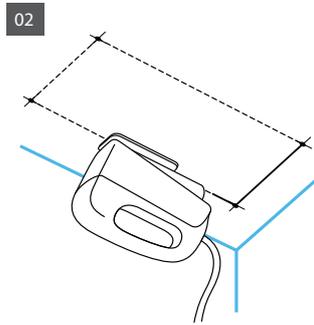
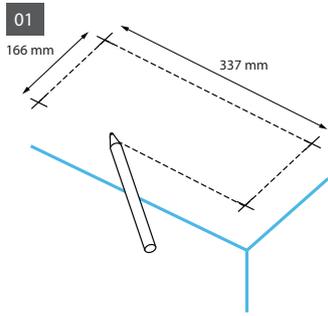
RECESSED INSTALLATION



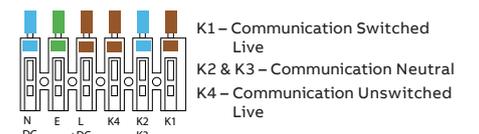
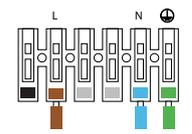
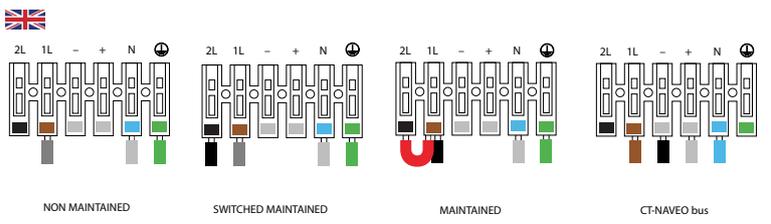
M4 x 16
x4



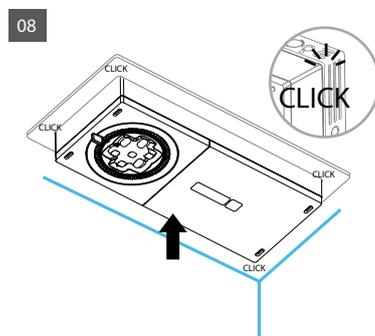
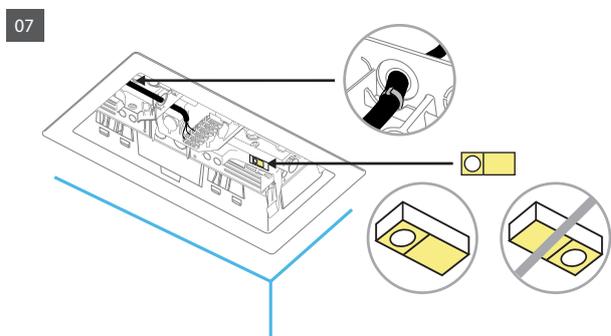
5 MINUTES



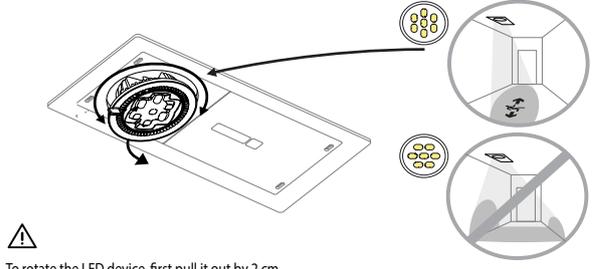
SELF CONTAINED SLAVE SLAVE



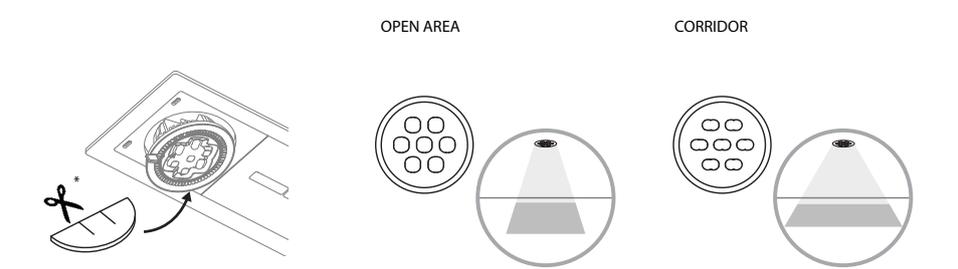
K1 – Communication Switched Live
K2 & K3 – Communication Neutral
K4 – Communication Unswitched Live
Basic insulation between control terminal and live supply.



SPOT ORIENTATION

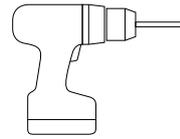
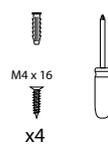
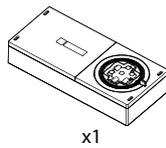
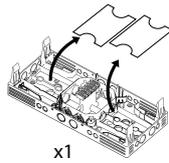
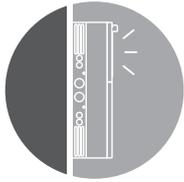


To rotate the LED device, first pull it out by 2 cm and only then tilt it if needed.

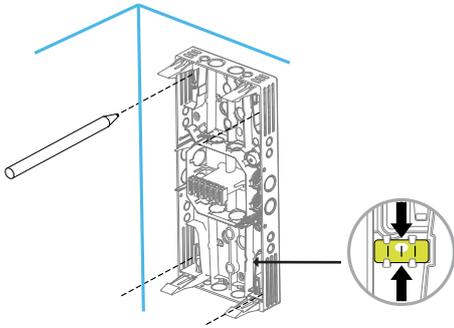


* When the lamphead is set to the chosen position, tighten the screws in the side of the lamp to fix the position

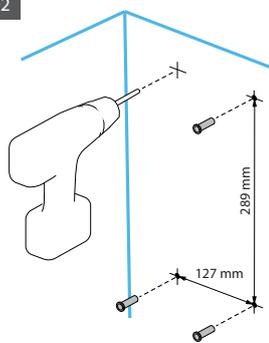
SURFACE INSTALLATION



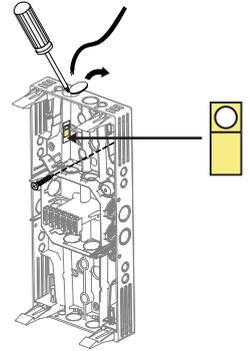
01



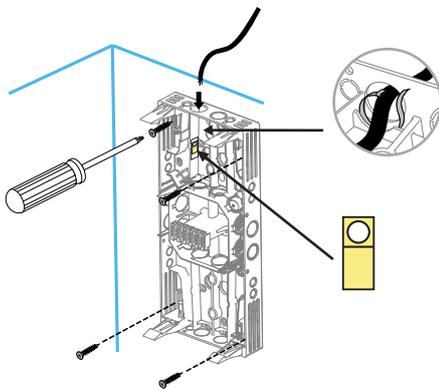
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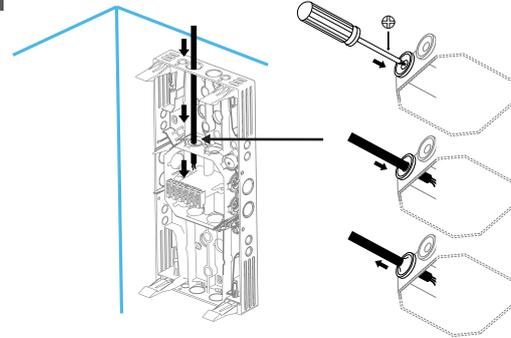
03



04



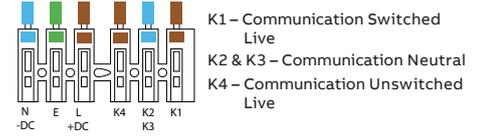
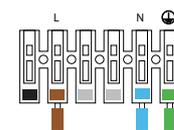
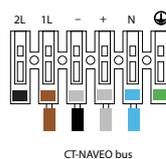
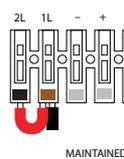
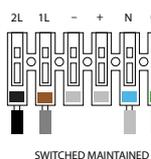
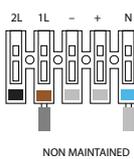
05



SELF CONTAINED

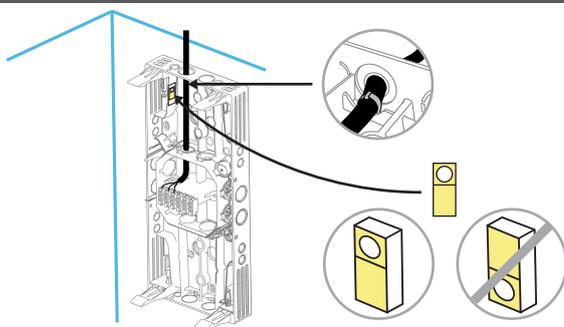
SLAVE

SLAVE

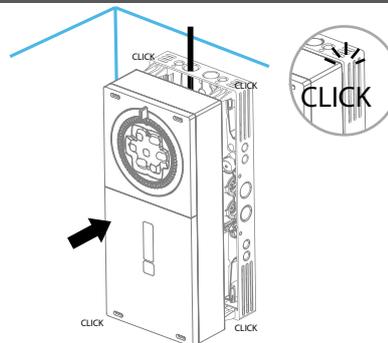


Basic insulation between control terminal and live supply.

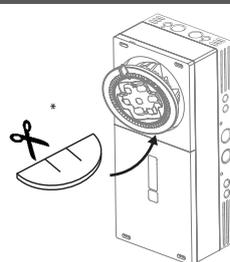
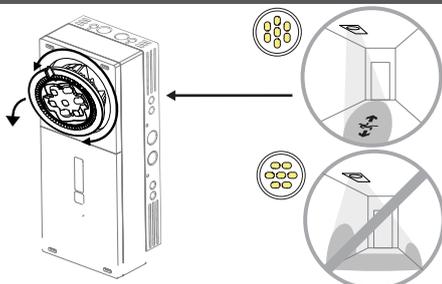
06



07

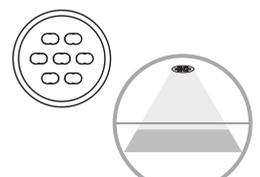
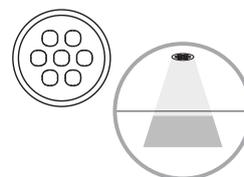


SPOT ORIENTATION



OPEN AREA

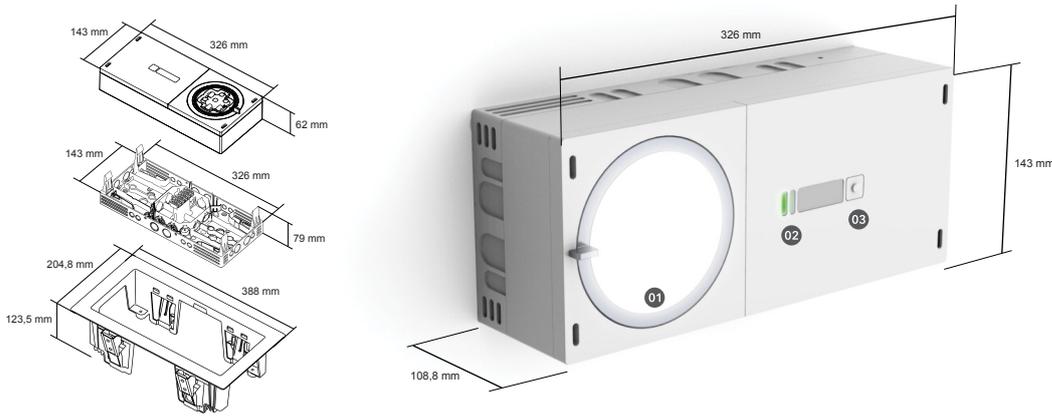
CORRIDOR



To rotate the LED device, first pull it out by 2 cm and only then tilt it if needed.

* When the lamphood is set to the chosen position, tighten the screws in the side of the lamp to fix the position

HY-LED



- 01 LED HEAD UNIT
- 02 LED'S CHARGE & TEST
- 03 TEST BUTTON

CHARACTERISTICS

Self-contained & CT-Naveo versions

Type	Description	Product	IP / IK	Lums	Duration	Power	Voltage	Battery
Self-contained	HY-LED, 350lm 3h open area	HY3LA2	65/08	350LM	3 H	3.5W	230Vac - 50Hz	7.2v 4Ah Ni-Cd
	HY-LED, 350lm 3h escape route	HY3LE2						
	HY-LED, 350lm 3h open area, CT-Naveo	CXY3LA2	65/08	350LM	3 H	3.5W	230Vac - 50Hz	7.2v 4Ah Ni-Cd
HY-LED, 350lm 3h esc route, CT-Naveo	CXY3LE2							
	Recessing kit in white	HY-RKIT						

Temperature range : 5 to 35dC

Slave 230V versions

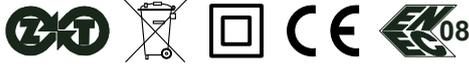
Type	Description	Product	IK	Lums	Power	Voltage
Slave 230v	HY-LED, 230V, 1000lm, open area	HY1LA2	65/08	1000	≤15W	230Vac - 50Hz
	HY-LED, 230V, 1000lm, escape route	HY1LE2			≤15W	
	HY-LED, 230V, 1000lm, open area, LTC test	HY1LA2LTC	65/08	1000	≤15W	230Vac - 50Hz
	HY-LED, 230V, 1000LM, esc.route, LTC test	HY1LE2LTC				
		Recessing kit in white	HY-RKIT			

Temperature range : 0 to 40dC

ENVIRONNEMENT

Battery directive :
 Battery Producer recycling registration number: BPRN00373

WEEE :
 Emergi-Lite official WEEE Registration number: WEE/DH0073UQ Waste Electrical and Electronic Equipment Regulations 2006 ("The WEEE Regulations").
 This applies to emergency lighting luminaires supplied in UK, and those other territories where ABB Ltd Emergi-Lite has responsibility as a producer.
 Producer Responsibility
 The company meets the producer responsibility via membership of the Lumicom Producer Compliance Scheme (registration no. WEEE/DH0073UQ). Under this scheme, depolluted luminaires (i.e. those with the lamps, batteries and liquid filled capacitors removed), which are being replaced by our fittings, will be recycled in an environmentally sound manner.



EN

Carefully read this instruction leaflet before installing or using the luminaire. This leaflet provides important information about the correct installation, use, maintenance and disposal of this product.

Please observe the following guidelines:

1. The luminaire should only be installed by qualified personnel and the installation must be in accordance with European installation requirements HD 60364 and additional local regulations.
2. This product may not be modified in any way what so ever or used for a purpose or in an environment other than for which it is designed. Failing to observe these guidelines will invalidate the warranty and the CE-compliance of this product.
3. Before installing the luminaire, the supply must be isolated.
4. The light source in this luminaire is non-replaceable.

INSTALLING AND CONNECTING

The luminaire can be installed indoor or outdoor. The luminaire should be connected to the voltage equivalent to that indicated on the type label.

This luminaire is fitted with a terminal block suitable for loop-in-loop-out connection. The earth terminal is provided for convenience of wiring through only and should not form part of any protective shield. For further information on the different connection possibilities, see the instructions in this instruction leaflet. In case of the through wiring, 10 products must not be exceed.

SELF-TESTING

All self contained versions of this luminaire are equipped with an automatic self-testing system that continuously monitors battery operation, the light source(s) and the electronics. The amber LED's will indicate when one of these component is not working properly. To prevent all luminaires starting the test sequence at the same time, an odd and even function is available. All even luminaires start the test sequence as normal; all odd luminaires start the test sequence 24 hours later. The luminaire can also be tested manually with the test button. When pushing the button previous errors will be "reset" and the battery will supply the LED's. After 5 seconds an eventual error will be displayed. The test schedule can be reset by pushing the test button for 10 seconds.

For more detailed information on the different testing schedule and meaning of the indications, see further in this instruction leaflet.

CT - NAVEO

Self Contained luminaires can be equipped with a CT-Naveo communication module. See self-contained connection block/wiring section.

LTC

Slave luminaires can be equipped with an LTC communication module. See slave connection block/wiring section.

BATTERY

A fault will occur when test results for duration no longer meets the requirements indicated for the luminaire. The batteries must then be replaced. Please see the label on the batteries for the type required. Given the technical life of the battery, it is recommended to replace them after 4 years. When the battery is replaced and the mains supply restored, the amber LED indicating a battery failure will disappear after a successful duration test. Used batteries must be replaced or disposed of as household chemical waste.



PLEASE NOTE!

Constant voltage is required and the batteries must be sufficiently charged for emergency lighting to function properly. Failure to observe this requirement can damage the batteries, the lightsource or in worst-case scenario, the luminaires electronics.

INSPECTION AND MAINTENANCE

Emergi-Lite strongly advises annual inspection of your emergency lighting installation.

Technical Specifications

Power supply	Self Contained: 230-240V 50Hz Slave: 220-240V AC / DC
Autonomy	3 hours
Commissioning time	60 hours
Ambient temperature	Self Contained: +5°C ... +35°C Slave 0°C ... +40°C
Insulation class	II
Degree of protection	IP65
Battery	NiCd 7.2V – 4Ah (Self Contained)
Lightsource	7LED'S (1W)
Compliance	EN 60598-1, EN 60598-2.22, VDE 0711, IEC 62034
Lamp head lumens	350 lumens (self-contained) 1000 lumens (slave 230v)

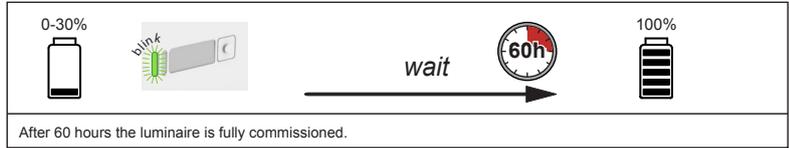
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ONLY SELF CONTAINED LUMINAIRES

Commisioning

Connect mains
230 - 240V / 50Hz



Selftest schedule

- 1 **Installation test**
Duration test after 36 hours: 3 hours
- 2 **Functional test**
Every 7 days: 1 minute
- 3 **Autonomy test**
Every 26 weeks: 3 hours

Explanations

	Maintained	Non-maintained	Switched maintained	
				OK ✓
				Emergency mode
				In test ✓
				Failure*

* For non replaceable lightsources :The light source of this luminaire is not replaceable, when the light source reaches its end of life, the whole luminaire shall be replaced.

For non-user replaceable light sources : The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

Manual testing
Push test button < 1 sec. to set luminaire in test mode (LED matrix will light up momentarily).

Setup even or odd testing schedule
Push button >3sec to enter the setup mode for even or odd testing.
If LEDs flash in phase the luminaire is set to an even schedule.
If LEDs flash out of phase it is set to 'odd'.
To change the odd/even state, hold the test button in for 5 seconds.

Reset luminaire
Hold test button >10 seconds to reset the test schedule.