



MODEL: HSEM/LED-ST

EMERALD 5W UNIVERSAL EMERGENCY BULKHEAD WITH SELF TEST

MAIN FEATURES:

- Self test
- Hinged gear tray
- Legends included
- 3 hour emergency time
- 3 year guarantee

This instruction leaflet contains important information on the correct installation and operation of your fitting. Read this leaflet fully before attempting installation and retain for future reference.

Suitable for mounting on normally flammable surface. Green LED indicator indicates battery charging mode.

Safety and Performance are in accordance with EN55015, EN61347, EN60598-1, EN60598-2-22, EN61000-3-2, EN61000-3-3. Suitable for indoor use, wall mounted.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

SPECIFICATION

Rated voltage:	AC220-240V~, 50/60Hz
Operating mode:	Maintained/Non- Maintained
Rated wattage:	3.5W/1.5W
LED:	27PCS SMD*0.2W LED / 5700-6700K
Discharge duration:	3 Hour
Rated lumen:	150lm
Battery:	LFP 3.2V 1500mAh
Battery life:	Up to 4 years
Power factor:	0.5
Operating Temp Range:	0°C - 40°C
IP Rating:	IP65
Protection class:	Class II
Dimensions:	352mm x 110mm x 68mm
Weight:	0.65g
Produced in accordance with:	IEC 62598-2-22

INSTALLATION

The light source contained in this luminaire shall only be install by the manufacturer or his service agent or a similar qualified person.

1. Switch off the electricity at the AC power.
2. Remove the diffuser (**Figure 1**).
3. Body installation (**Figure 2**).
4. Electrical connection (**Figure 3**).
5. Attach diffuser (**Figure 4**).
6. Switch AC power on.

TESTING

All test functions are factory preset and do not need field adjustment

AUTO TEST PERIOD	
Every 30 ± 2days	PERFORMS A 25-35 SECONDS DURATION TEST
Every 180 ±10days	PERFORMS A 30-35 MINUTES DURATION TEST

GREEN INDICATOR STATUS	
Green indicator Flashing Slowly	CHARGING
Solid Green Indicator	FULL CHARGE
Green Indicator Flashing Normally	MONTHLY INSPECTION (25-35 SECONDS)
Green Indicator Flashing Quickly	SEMI-ANNUAL INSPECTION (30-35 MINUTES)

RED INDICATOR STATUS	
Red Indicator Flashing Slowly	BATTERY DISCONNECTED
Red Indicator Flashing Normally	BATTERY SHORT CIRCUIT
Red indicator flashing Slowly, Green Indicator as usual	LED DISCONNECTED
Red indicator flashing quickly, Green Indicator as usual	LED SHORT CIRCUIT

MANUAL TEST & SIMULATE AUTO TEST	
Press the TEST switch without release	In the main power state: Enter to Simulate emergency state, release restore to main power.
Press test button twice within 2 seconds	25-35 seconds duration test (Simulate Monthly Test)
Press test button 3 times within 2 seconds	30-35 minutes duration test (Simulate Annual Test)

Figure 1

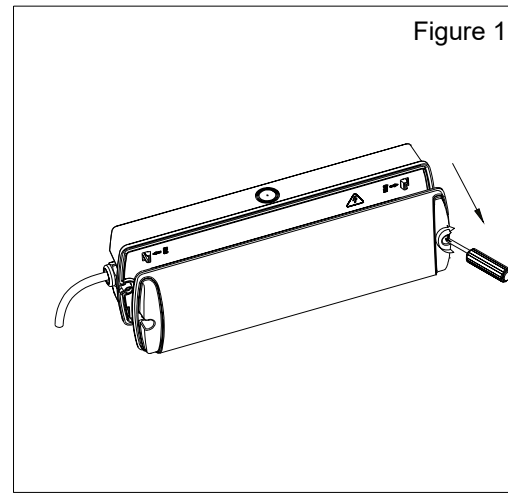


Figure 2

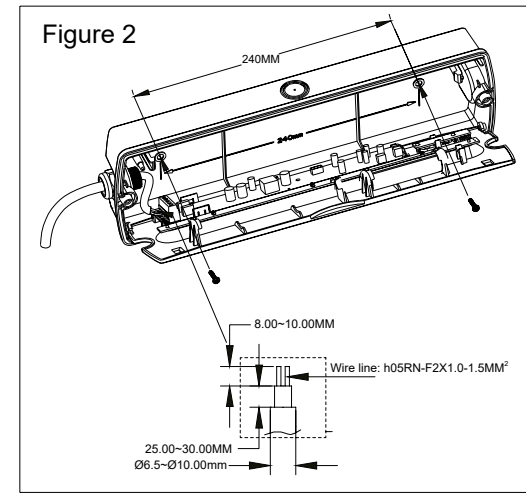


Figure 3

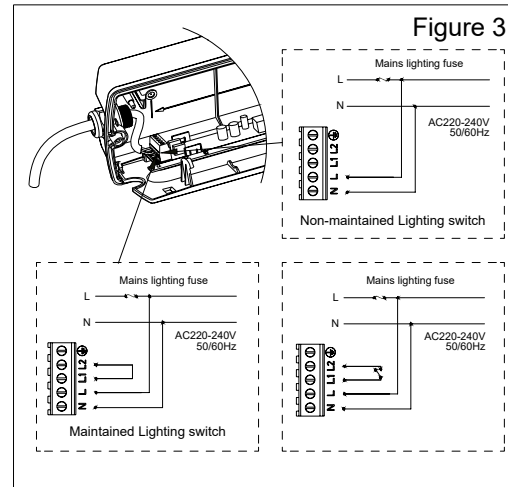
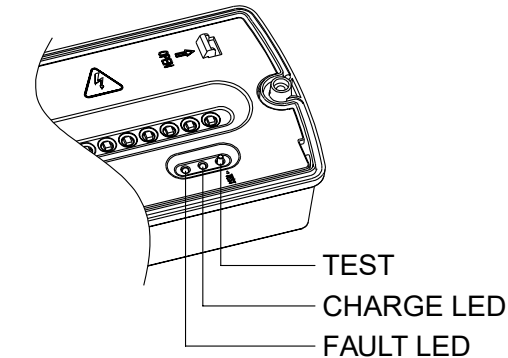
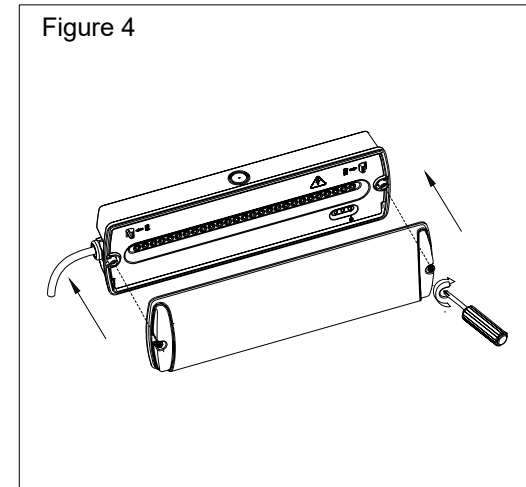


Figure 4



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

INSTALLATION AND MAINTENANCE RECORD

INSTALLER: _____

INSTALLATION: _____ TYPE: _____

INSTALLATION TEST DURATION & DATE: _____

MONTH	TEST	1 ST YEAR		2 ND YEAR		3 RD YEAR		4 TH YEAR		5 TH YEAR	
		SIGNED	DATE	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE
1	SHORT										
2	SHORT										
3	SHORT										
4	SHORT										
5	SHORT										
6	1 HR										
7	SHORT										
8	SHORT										
9	SHORT										
10	SHORT										
11	SHORT										
12	1 HR										
	3 HR										

