



TEST (Monthly)	YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5	
	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed
Functional										
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Functional										
Functional										
Three Hour										

Luminaire Ref/Location

In Case of difficulty, contact the Installation Engineers

tel:

60 months

EN GUARANTEE. More at [www.sleprojects.com](http://www.sleprojects.com)  
D GUARANTEE. Mehr unter [www.sleprojects.com](http://www.sleprojects.com)  
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Supply Voltage 220-240V / 50-60Hz  
Ambient Temperature 0°C to 35°C  
First Charging 48 hours  
Cyclical Charging 24 hours

Type emergency unit 3H  
(m)  
EM3H UNIT TRACK 90  
Luminous flux tolerance +/- 10%

## Important

These instructions contain important safety information. The manufacturer does not accept any responsibility for injuries, damages or losses, which may be incurred as a result of incorrect installation, operation, maintenance or disposal. Make sure that the required voltage and frequency are in accordance with stated parameters. When connected to the electrical grid, ensure correct polarity.

The installation must be performed by a person qualified under national and local regulations.

The results of testing must be recorded. If they are not recorded, it is a reason not to accept a claim.

## Functional test

Functional tests are carried out for 5 seconds on a weekly basis under the control of the Micro controller. Initiation and timing of these tests is set during the commissioning of the luminaire.

Duration test: A full duration test is carried out yearly to check the capacity of the batteries.

## Commissioning

After installation of the luminaire and initial connection of the mains supply and battery supply to the EM powerLED ST the unit will commence charging the batteries for 20 hours (initial charge). Afterwards the module will conduct a commissioning test for the full duration. The 20 hours recharge occurs also if a new battery is connected or the module exits the rest mode condition. The following automatic commissioning duration test is only performed when a battery is replaced and fully charged (after 20 hours).

## Batteries

The nickel-cadmium batteries used in this light fixture contain electrolyte that can be dangerous for the eyes and poisonous for open wounds. When manipulating with the batteries, it is necessary to avoid breaking the cover. If the electrolyte gets in contact with the skin, immediately rinse the affected area with water. The batteries must not be exposed to overcharging or discharging current. When manipulating with the batteries, take care that there is no short circuit with other devices, jewelry, etc. Do not burn batteries. The disposal of batteries must be in accordance with national and local regulations.

The manufacturer reserves the right to change any product specifications without prior notification. All products supplied by the manufacturer are subject to corporate sales conditions (available upon request).

System status is indicated by a bi-colour LED.

LED Indication	Status	Commentary
Permanent green	System OK	AC mode
Fast flashing green (0.1 s on – 0.1 s off)	Function test underway	
Slow flashing green (1 s on – 1 s off)	Duration test underway	
Red LED on	Load failure	Open circuit / Short circuit / LED failure
Slow flashing red (1 s on – 1 s off)	Battery failure	Battery failed the duration test or function / Battery is defect / Incorrect battery voltage
Fast flashing red (0.1 s on – 0.1 s off)	Charging failure	Incorrect charging current
Double pulsing green	Rest mode	Switching into blocking mode via controller
Green and red off	DC mode	Battery operation (Emergency mode)

