

Description Of Emergency Lighting

Compliance AS/NZS 2293.3.2018 - Emergency lighting & Exit Signs for buildings
Part 2: Emergency luminaires and exit signs.

Emergency lighting time	up to 3 hours
Light output	300-400lm Lumen (3-4W)
Testing function	Automatic (Monthly, yearly) and manual
Battery type	Lithium
Battery warranty	2 years (can be replaceable)

The luminaire is equipped with a stand-alone emergency power supply and manual/automatic inspecting function (Monthly and Yearly).

1. Features:

a) Switching mode between MAINS and EMERGENCY power supply automatically:

- Entering Emergency Mode: MAINS < 155 +/- 10V
- Returning back to Mains Mode: MAINS > 180V

b) Time counting:

- Start of counting: 48 hours after installation
- Month: 30+/-2 days after Start of counting
- Year: 12 times of Month
- Automatic Inspection:
- Month inspection: Performing a 120s emergency status and then back to normal

- Year inspection: Performing a full discharging til the battery is fully discharged.
- Remark: Yellow indicator turns ON, shows the discharging time is less than 30 minutes. Please call a specialist for a checking.
- After the checking, press shortly the Inspection button (less than 3 seconds) to turn off the Yellow indicator.

c) Manual Inspection function:

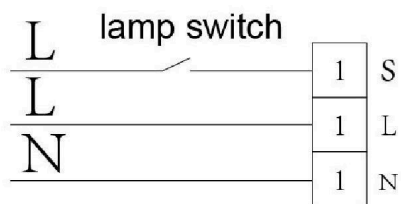
- Month inspection: By pressing the Inspection button for 3-5 seconds (the Green indicator is flashing a 1Hz)
- Year inspection: By pressing the Inspection button for 5-7 seconds (the Green indicator is flashing a 3Hz)

d) Interrupting the progress of inspection: Press shortly the Inspection button (less than 3 seconds)

2. Connection:

S: for switch

If switching the luminaire is not needed, you just short the L and S terminal



3. Inspection Button:

	Button: Press<3s	Press3-5s	Press5-7s	Press> 7s
Condition	Mains in normal status	Mains in normal status	Mains in normal status	in emergency status
Function	Simulation of power failure	Month inspection	Year inspection	Switching back to Mains supply

Results	Entering emergency status	The GREEN indicator flashing at 1Hz	The GREEN indicator flashing at 3Hz	Back to Mains supply
After release	Back to normal status	Entering month inspection status: Performing a 120s emergency status and then back to normal status.	Entering year inspection status: Performing a full discharging. *	Stay in Mains supply

* if the discharging time is less than 30 minutes, the yellow indicator will be on and the luminaire will be back to Mains automatically.

4. Indicators:

Indicator	Function	Light on	Flashing	Light off
RED	Charging indication	charging		Fully charged
GREEN	Status indication of mains and inspection	Mains status OK	1 HZ: month inspection 3 Hz: year inspection	
YELLOW	Failure indication	Discharging time is short	1Hz: Fault in charging circuit	

