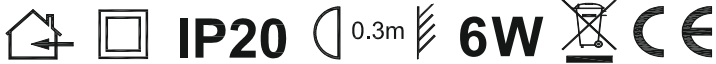


LED Emergency Twin Spot

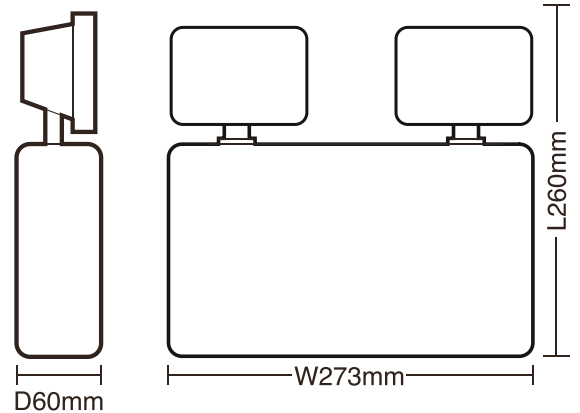
Instruction Leaflet

PRODUCT SPECIFICATION

Electrical Classification: Class II
Voltage: 220-240V, 50/60Hz
Emergency duration: 3 hours
Ingress Protection: IP20
Rated Wattage: 6W
Color Temp.: 6000K



DIMENSIONS



EMERGENCY TERMINATIONS (FIG.1)



Read these instructions before installation and retain for future reference

This equipment should be installed by a competent electrician

Installation:

1. Lay fitting on its back and remove four screws.
2. Remove and discard packing pieces.
3. Fit unit securely to wall, unit may be mounted in any orientation.
4. Connect a 230V AC supply to the 'L E N' terminal block on the circuit board.
5. Connect the battery to the PCB terminals ensuring correct polarity is observed.
(Red +ve, Black -ve).
6. The unit will not illuminate in emergency mode until the mains has been switched on and subsequently failed.
7. Operational check-restore the A.C. supply for 30 minutes and then remove. The lamps should illuminate for at least 30 seconds.
8. Switch on the mains supply and note that the indicator LED's have illuminated. proving that the unit is operational, the lamp continuity is OK and that the battery is being charged.
9. The unit has deep discharge protection and this should operate when the battery voltage falls to approx. 8V DC, whilst in the Emergency Mode.

Fault finding and regular testing:

When the green LED is illuminated the battery is charging, if not check the supply and condition of the batteries. Red button on the side of the fitting simulates mains failure only.

Unit not meeting required emergency period.

May need cycling. Discharge, then recharge for at least 24 hours. Re-test.
Battery may need replacing if emergency duration still not met.

INSTRUCTION MANUAL

SELF TEST Model

Self-Test

Self-Test fittings perform a self-commissioning test at first power on. After charging for 24 hours a full duration test (2 hours) is performed. Initial function and duration tests are randomly generated. They are then performed in accordance with standard requirements (every 28 days for function tests and every 52 weeks for duration tests).

A single bi-colour indicator LED is fitted in all Self-Test products. This LED is clearly visible for manual inspection. It indicates the module status. The LED shows permanent green or flashing green when conditions are normal and flashing red if a fault condition is present.

Function test

A function test is a 2 minutes test that simulates a mains failure and checks the operation of the emergency light source from the battery supply.

The local indicator LED slow flashes green whilst the 2 minutes function test is in progress.

If there is a failure during a function test the local indicator LED changes to a flashing red.

Duration test

A duration test simulates a mains failure. It also checks the operation of the emergency light source from the battery supply for the rated duration of the module.

The local indicator LED fast flashes green whilst the duration test is in progress.

If there is a failure during a duration test the local indicator LED either changes to a permanent, or flashing red and the appropriate DALI status flag is set.

The battery is required to be fully charged before a duration test can be started.

The test button of the unit has the following functions

Test Button	Green LED	Status
Press for about 1s	Off	Emergency mode for 1 second
Press for about 5s	Slow flash	Function for 30 seconds
Press for about 7s	Fast flash	3 hour duration test
Press for about 10s		End the duration test

Please refer to following chart below for more complete description/fault indication.

	LED	Status
Green Solid	Mains on/ No fault	
Green Flash	Slow flash	Function for 2 minutes
	Fast flash	3 hour duration test
Red Flash	1 Flash	Battery fault
	2 Flash	Lamp fault
	3 Flash	Duration test fault