

# 140LED WALL-LIGHT WITH PIR-SENSOR MODEL: SLFLED

## ■ INTRODUCTION

The unit is an automatic PIR LED mini flood. When the effective area of the PIR sensor has been activated the lamp will switch on after the preset light level has been reached. The lamp will switch off after a preset time unless the sensor area has been re-activated. The sensitivity, time and switch on light level (LUX) can be adjusted.

## ■ WHERE TO FIT YOUR WALL- LIGHT

Please pay attentions to the following:

1. Do not install where frequent shadows occur or allow dirt to accumulate on the sensor lens.
2. Install the fitting/sensor to catch the natural changing light conditions.
3. Do not install where the sensor can be affected by artificial light as this will affect the preset lux settings of the sensor.

## ■ INSTALLATION

1. Installation must be performed by a skilled/competent person who is familiar with the appropriate standards and technical requirements of the appliance and its proper installation.
2. Switch the mains supply off and ensure that there is no power to the fitting.
3. Make sure the wires are multiphase conductor, it can be easy to distinguish from the colours. 3 core cable : Live(L, brown colour); Neutral(N,blue colour); and Earth(E, green/yellow colour).
4. Mark the mounting holes of the bracket position onto the wall. Drill and plug the wall at the marked positions and fix the bracket to the wall with suitable Mounting Screws (Not supplied).
5. The cores in the mains lead are coloured with the following code, Live Brown or Red , Neautral Blue or Black , Earth Green or Green/Yellow . When making connections please ensure that the terminals are tightened securely and no strands of wire protrude.
6. This product is designed for permanent connection to fixed wiring this should be either a suitable lighting circuit (protected with a 5 or 6amp MCB or fuse) or a fused spur with a 3amp fuse) via a fused connection unit , we recommend that the supply incorporates a switch for ease of operation .

## ■ IMPORTANT NOTES

- 1) The fitting should be wired to its own lamp switch. Do not interconnect with other lights on the same switch.
- 2) Do not connect a dimmer switch to the circuit.
- 3) Never modify the unit, there are no user serviceable parts.
- 4) Before touching the lamp or replacement, please ensure that the mains supply has been switched off and the unit has cooled.

## ■ SPECIFICATIONS

**Voltage:** 220-240 V ~ 50 Hz

**Wattage:** Max. 9 Watt LED

**LED Num.:** 140 LEDs

**LUX control level:** 5-1000lux

**Lighting Time :** Adjustable 5-480sec.

**Weatherproof:** IP44

**Class II protection**

**LED Lifetime:** Up to 100.000Hours

**Illumination Range:** Up to 10metres Maximum



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L-BROWN  
N-BLUE  
E-GREEN/  
YELLOW

Due to our policy of continuous improvement we reserve the right to change specification without prior notice.

Errors and omissions excepted.

These instructions have been carefully checked prior to publication. However, no responsibility can be accepted by Challenger for any misinterpretation of these instructions.



When your light fitting comes to the end of its life or you choose to update or upgrade it by replacing it. Please do not dispose of it with your normal household waste. Please recycle where facilities exist. When you need to dispose of this fitting, check with your retailer or local authority for suitable options. New regulations will encourage the recycling of Waste from Electrical and Electronic Equipment (European "WEEE Directive" effective August 2005).

