



Thank you for purchasing this light fitting. Please read the instructions carefully before use to ensure safe and satisfactory operation of this product. Please retain these instructions for future reference.

## Warning



**The power supply is Double Insulated and does not require connection to an Earth circuit.**



**The LED units are Safety Extra Low Voltage and must not be earthed.**

Please read these instructions carefully before commencing any work.

This unit must be fitted by a competent and qualified electrician.

Install in accordance with IEE Wiring regulations and current Building Regulations.

This system operates at Safety Extra Low Voltage (12V), via an LED driver. Never connect the light fittings directly to the mains without using the supplied driver.

The mains plug must be situated indoors (e.g. house, garage, shed) in order to protect it from the elements.

Do not exceed the driver load. The supplied driver can operate up to a maximum of 20 LED heads.

Always disconnect the plug from the mains when installing or maintaining this system.

This system contains non-replaceable parts and cannot be serviced. If damage occurs the part should be scrapped.

This product cannot be dimmed.

The LED heads and driver are rated at IP67. They are suitable for installation in very wet areas, but must not be permanently submerged.

The driver must not be installed directly in the soil.

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

## Specification

The Kit contains:

- 1 x IP67 rated driver with 3 metres of mains cable and mains plug.
- 1 x 5m extension cable
- 2 x 5 LED head looms (total length 7.5m per loom)
- 12 x end plugs

Power Supply: 220-240V 50Hz. Output: 12V DC 15W Max. Constant voltage

Lamp: 73347, 73348, 73349 Ikon Pro CCT 25mm, 35mm, 45mm - Warm white (3000K)/Cool white (4000K)  
76615, 76616, 76617 Ikon Pro CCT 25mm, 35mm, 45mm - Daylight white (6500K)/Blue (20000K)

IP rating: 67

## Layout

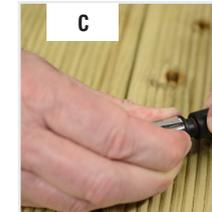
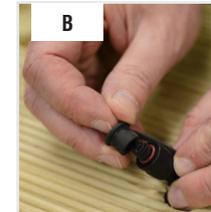
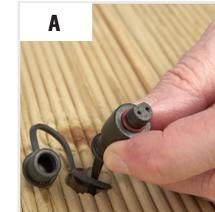
- Plan the desired layout of these fittings carefully, ensuring the cables will reach the distances between the mains plug, the LED driver and each light fitting.
- Avoid locating any cables in positions that would cause a trip hazard. Position cables and driver away from areas where they may be at risk from being cut, trapped or damaged.
- The mains plug must be situated indoors. The kit can be wired into an IP67 external terminal block. (Recommended terminal block ref 61515). This must be carried out by a competent and qualified electrician.
- The driver and LED head units are rated at IP67 and can be positioned outdoors.
- These fittings are designed to be used in decking and must not be mounted/installed in concrete.
- A PIR sensor (71553) and photocell sensor (71554) are available to purchase separately for this kit.

## Installation

This LED kit has been specifically designed for use in decking and combines some innovative features to make installation easier:-

- 2x prewired looms each with 5 LED heads plus a 5m extension cable allowing longer runs to be achieved.
- The wiring loom can be fitted into the deck during construction.
- Heads are interchangeable allowing different sizes and colours to be operated from one power source.

1. Position the plug next to the indoor mains outlet socket that the system will connect to. Do not plug-in at this stage.
2. After deciding the layout of the light fittings, ensure the cables are long enough to connect to the desired positions. The maximum distance between heads is 1.5m.
3. Drill the mounting holes for the light units taking care not to damage any pipes or mains cables beneath the mounting surface. Minimum hole depth is 80mm. Cutting hole sizes are as follows:-
  - 25mm diameter lights = 20mm cutting hole
  - 35mm diameter lights = 25mm cutting hole
  - 45mm diameter lights = 32mm cutting hole



## CCT Function

- These kits are supplied with removable and interchangeable heads. For 73347, 73348 and 73349, it is possible to choose between warm white (3000K) and cool white (4000K) light output. For 76615, 76616 and 76617, it is possible to choose between daylight white (6500K) and blue light (20000K) output.
- To change colour you simply turn the LED head 180° and reinsert back into the loom, according to the arrows on the connector as detailed below and in Fig. E.
- 73347/73348/73349
  - Arrow on LED head unit is connected to arrow 1 on connector = Warm white (3000K)
  - Arrow on LED head unit is connected to arrow 2 on connector = Cool white (4000K)

- 76615/76616/76617
  - Arrow on LED head unit is connected to arrow 1 on connector = Daylight white (6500K)
  - Arrow on LED head unit is connected to arrow 2 on connector = Blue light (20000K).

