

# LED Deck Lights

**R3LED10 Kit c/w 10 light fittings, transformer and distribution box.**

**R3LED5 Kit c/w 5 light fittings, transformer and distribution box.**

**Please read instructions before commencing installation and retain for future reference.**

## Specification:

Deck lights for indoor or outdoor use, with 3 super bright light emitting diodes (L.E.D) with 4.5m cable with double insulated safety isolation transformer with Safety Extra Low Voltage (SELV) equivalent output.

Protection against electric shock: Luminaires Class 111, ( SELV)

Transformer: Class 11, SELV equivalent output.

Dimensions: Top flange diameter 30mm, 0.5 mm thick  
Body diameter 20mm, depth 25mm Cut -out size 22mm

Junction box; (L) 140mm, (W) 115mm, (D) 38mm. IP44

Supply: 230/240V 50Hz (approx 10W incl. transformer)

Temperature range: -20°C < ta < 40°C

Suitable for mounting on normally flammable surface, e.g. wooden decking



Luminaire protection: IP68, Submersible up to 1m.

Transformer protection: IP44, rain proof : **Do not locate where water may pool**

Complies with EN60598-1, EN55015, EN61547, EN61000-3-2/-3

## Installation:

! Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician.

- 1 Ensure mains supply is switched off before commencing work.
- 2 Location:  
**Avoid:** positions in decking centre where pedestrian may trip on edge of light  
Check wiring path layout, cable lengths, and suitable transformer locations etc before commencing work. If connector between transformer and fittings (low voltage output line) is to be buried, ensure that drainage is provided so that junction point does not become waterlogged.
- 3 The body may be fixed directly into wooden decking. This requires a cut-out hole 22mm diameter in the deck.
- 4 The transformer and luminaires must be connected to the junction box. Unscrew top of junction box and remove rubber seal. Connect luminaire plugs through the cut outs in the 2 sides of the junction box. The transformer plug must be connected through the top cut out. Replace rubber seal and top of junction box and tighten screws.
- 5 **Safety note!** The transformer or junction box must not be buried in the ground. It is protected against water splashes but must not be located where it may become waterlogged. The power supply cord must not be exposed to mechanical damage.
- 6 Use only with a mains supply socket that is protected by a residual current circuit breaker (RCCB).
- 7 This kit has no user serviceable parts. If mains wiring or transformer is damaged, unplug from mains and discontinue use.

### Stainless Steel Fittings – General Maintenance Instructions

The stainless steel trim on this product has very high resistance to corrosion. Despite this, blotches may appear on the surface of the stainless steel. They can be removed by a soft cloth soaked with neutral oil (WD-40 or equivalent). The cause of the blotching is due to some free iron atoms from the polishing wire brushes remaining on the surface and these atoms are outside the protection afforded by the nickel and chrome alloys in the steel.

Note: - If the product is exposed to very corrosive environmental conditions (sea fronts, salty atmospheres etc) it will require additional maintenance. Before installing, the stainless steel parts must be treated with neutral oil, which must penetrate all the joints. After treatment, dry with a soft cloth. In very corrosive environments, the treatment with oil must be repeated at least 4 times a year. In cases of serious corrosion use an abrasive paste (specifically designed for stainless steel or chrome) to remove the stain and then apply the neutral oil again.

**Attention:** Wood preservative and solvents can damage insulation on electric cables. Allow treatment to dry prior to installing deck lights. Do not apply preservatives after installing.

• The installation must be carried out by an electrician. •

