

# INDO RD12- Installation Instructions



\* Carefully review this document before installing or maintaining the unit \*



- Input:** 240VAC, 50Hz
- Weight:** <8.7kg (all variants)
- Windage:** < 0.09m<sup>2</sup>
- Design Mounting Height:** Up to 8m
- Mounting Options:** 76mm post top (PT:5° standard)
- Penetration Requirement:** 80mm PT
- Tools Required:** Small flat head screwdriver  
Torque wrench with 4mm Allen bit (For M8 Grubscrews)
- Cleaning/Maintenance:** Clean with a damp lint free cloth. Do not use cleaning agents. Any debris on the top surface of the fitting should be washed out.

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person. This is a Class I luminaire and must be Earthed. High voltage testing can cause damage to the LED fittings – use appropriate installation test method.

## 1. ISOLATE MAINS AND OBSERVE ALL SAFE WORKING PRACTICES BEFORE ATTEMPTING ANY WORK

**2.** To open the fitting prise open the two clips in an out and downward motion using a screwdriver protected with a cloth (to prevent damage to the paintwork).

Note that as the fitting lid is opened a latch mechanism (located close to the hinge) becomes engaged. This will support the lid in an open position, allowing for access to the fitting for installation and maintenance. Do not apply pressure to the lid when latched open as excessive force can cause damage to the hinge.



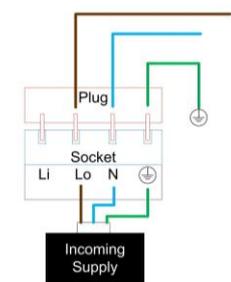
**3.** Bring the incoming supply into the unit through the casting and cable gland.

For ease of wiring, remove the connector.

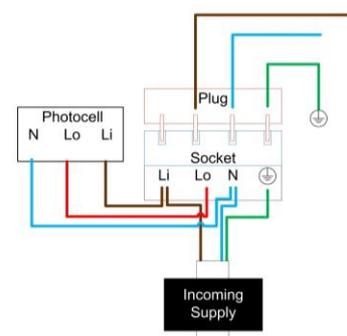


**4.** Wire the incoming supply according to the wiring diagram.

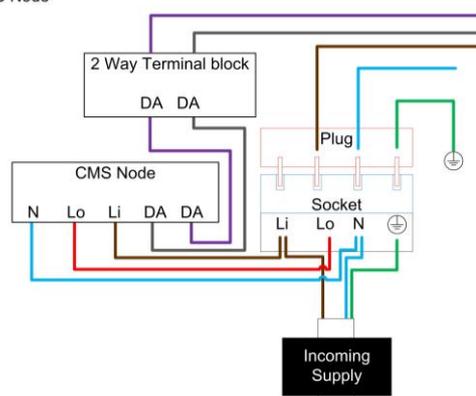
Standard Installation – Group switch or INDO integrated photocell activated



Photocell Option – 3<sup>rd</sup> party photocell to be fitted

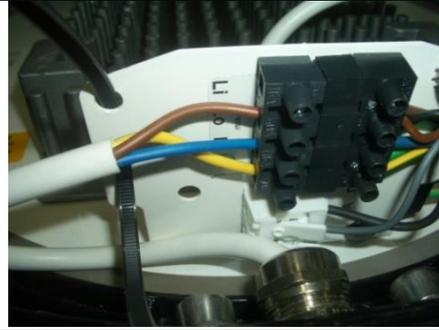


CMS Node



**5.** Once wired, refit the connector and secure the wires in place with the cable tie provided.

If DALI wires from the CMS node are to be connect: Wire the DALI wires into the two 'DA' terminals.



**6.** The RD12 fitting is designed to be used as a post top fitting for 76mm diameter columns. To install, first feed the pre-wired cable into the column and then slowly lower the fitting in place. There are 3 M8 grub screws in the fitting bracket. Once the fitting is in place, start by fully tightening the grub screw closest to the lamp. Once this is fully tightened alternate between the remaining two grub screws, ensuring that the fitting does not lean to one side.



Tighten grub screws to 8-10Nm.

Close unit and re-connect supply

Complete the installation by closing the unit. Ensure the catches are fully closed and re-connect the supply.

