

### Safety Information

> All electrical work must be undertaken by a qualified contractor to ensure compliance with latest edition BS7671 and IEE/IET wiring regulations.

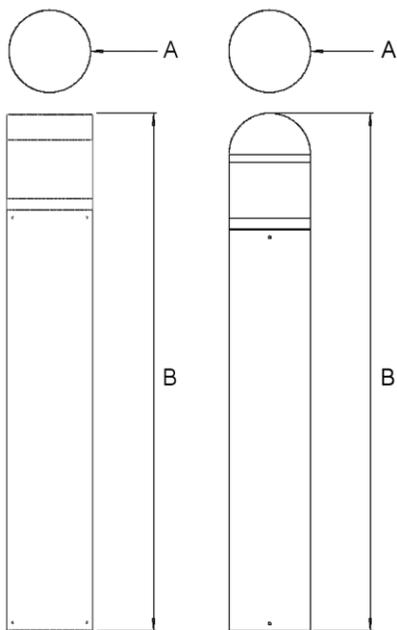
> Before installing a LED Bollard or doing any maintenance, ensure power supply is turned off at the circuit breaker or fuse box.

> This product is designed for permanent connection to fixed wiring; the circuit should be protected with the appropriate MCB or fuse.

### Environment

> Please DO NOT dispose of electrical items or packaging as unsorted waste. Use the recycling facilities provided by your local authorities.

### PRODUCT DIMENSIONS



	A	B
Dimensions	Ø160	1000

All units are in mm

### Important Warranty Information

The LED Bollard has a 3 Year Warranty. The registrant must provide the product part number and date of manufacture, which can be found on the label attached to the Luminaire housing along with the original invoice.



Certificate No. FS 590684



Certificate No. EMS 590685

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### LED BOLLARD INSTALLATION GUIDE

Part Number	Description
NET-53-14-02	Domed Top Bollard
NET-53-14-06	Flat Top Louvre Bollard
NET-53-14-08	Root Mounting Kit



Optional root mount kit for soft ground

M10 floor mounting bolts to be selected by installer to suite solid floor surface type.

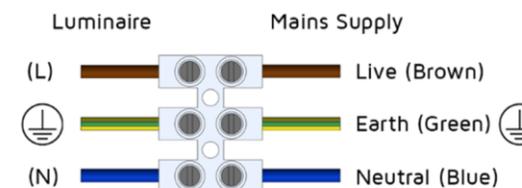
### SUPPLY/EARTH CLASS

220-240V AC 50/60Hz

Fig.1 Mains Input Termination



Class I



Installation procedure: Carefully read the installation guide and ensure the mains supply is isolated before installation. Please read safety information overleaf before carrying out any installation. Please retain this leaflet for future reference.

**Bollard Installation:**

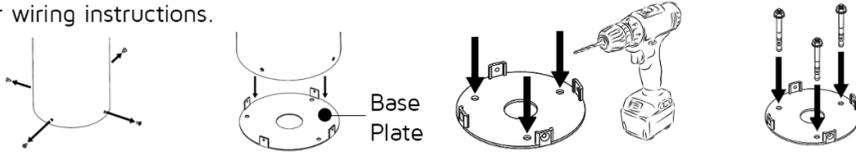


Non-replaceable light source

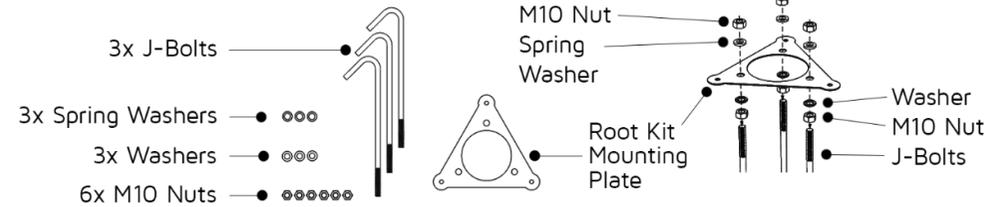


Non-replaceable control gear

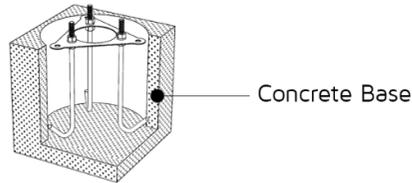
**Floor Bolt Option:** Dis-assemble the bottom of the fixture by removing the 4x screw, then remove the Base Plate. Position the base plate in the desired location for the Bollard. Drill 3x holes to suite the floor bolts. Secure the base plate with the fixing bolts, then proceed to step 6 for wiring instructions.



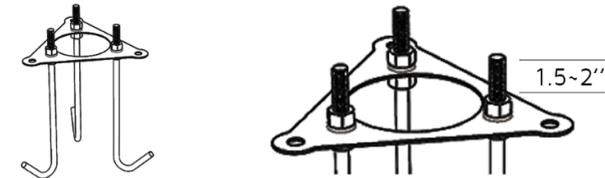
**Root Kit Option - Step 1:** Assemble the deep root kit.



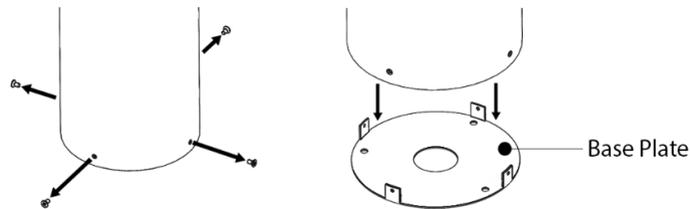
**Step 2:** Ensure that the concrete base is suitable for the Bollard load.



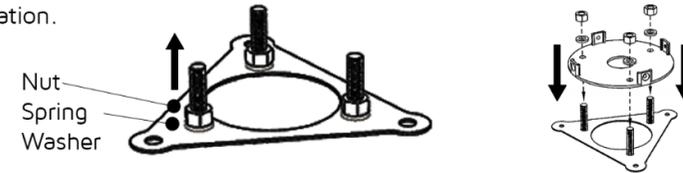
**Step 3:** Install the deep root kit into the concrete as per the image, having at least 1.5~2'' protruding from the concrete with the thread free and clear of debris and dirt.



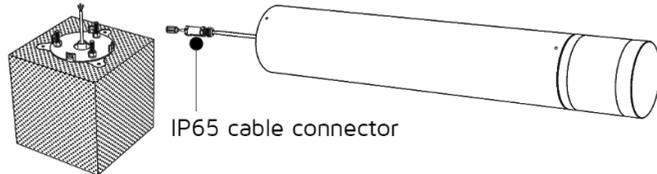
**Step 4:** Dis-assemble the bottom of the fixture by removing the 4x screws, then remove the Base Plate.



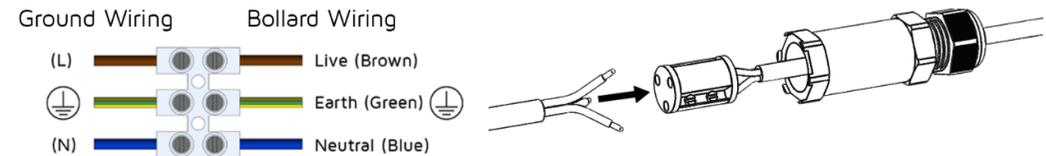
**Step 5:** Once the concrete has cured, remove the top 3x Nuts and Washers. Place the Bollard base plate over the deep root kit and fit the nuts and washers securing the base plate to the foundation.



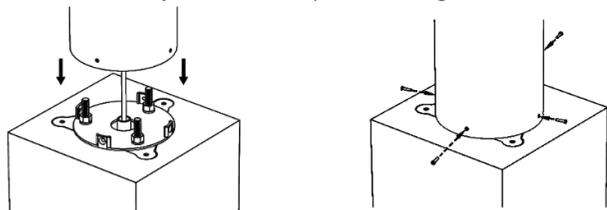
**Step 6:** Lay the fixture down next to the installed base plate, with the IP65 cable connector protruding from the bottom of the fixture.



**Step 7:** As per the wiring diagram, connect the input power cable to the fixture IP65 connector.



**Step 8:** Fit the fixture body to the base plate and tighten the 4x securing screws.



**Step 9:** Remove the 4x top screws on the fixture to access the CCT switch. To select the correct colour temperature, rotate the switch left or right.

