Opus Bollard Installation Guide

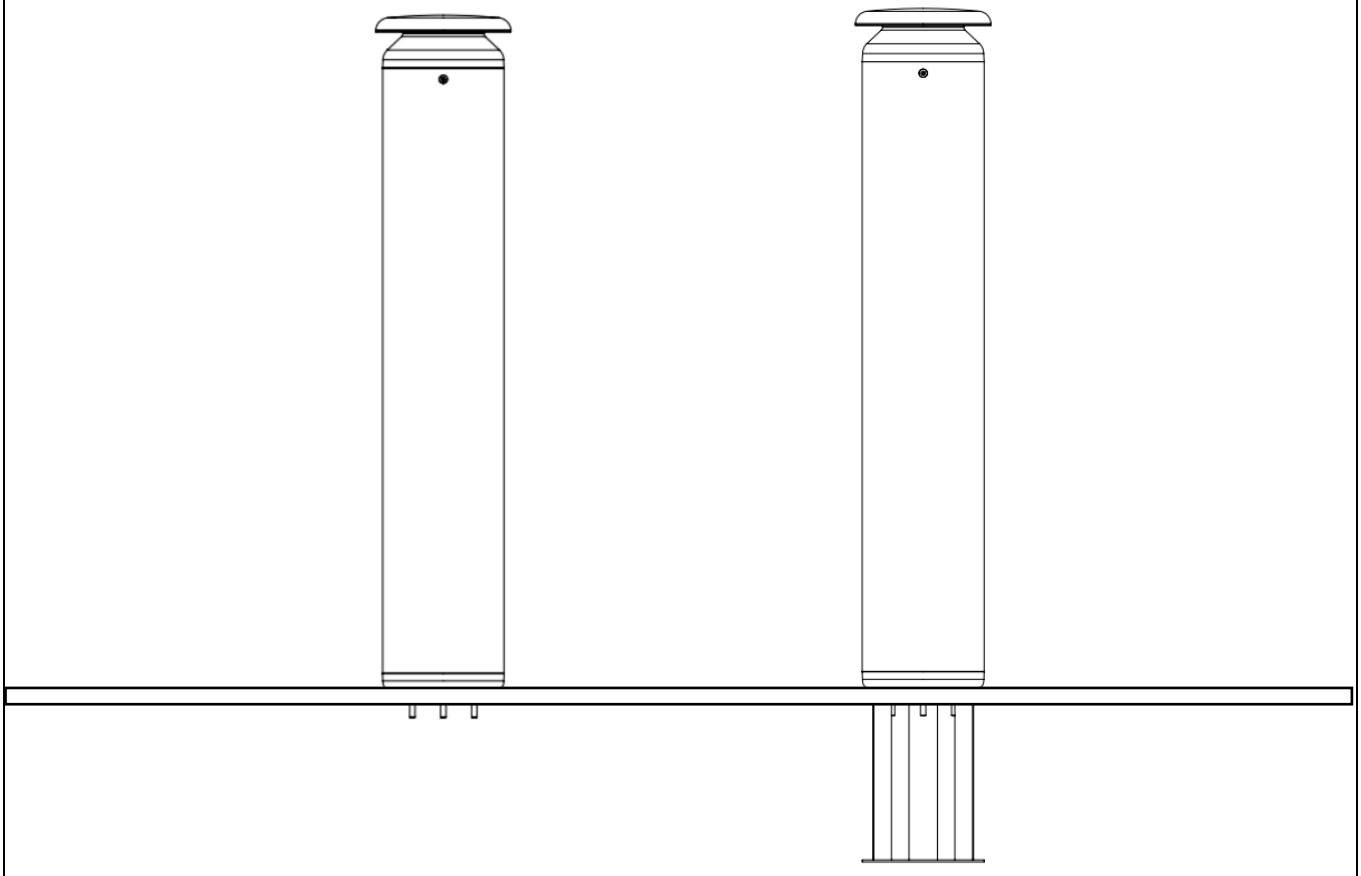
220-240V / 50-60Hz
IP66 IK10

Terminal Labelling:

Power	
L1	Switched Live
E / ⏚	Earth
N	Neutral
Emergency	
L2	Unswitched Live
DA/AT3	DALI Autotest
DA/AT3	DALI Autotest
Dimming	
DA+/D2	Analogue/DSI/DALI
DA-/D1	Analogue/DSI/DALI
L3	Switch Dim / Corridor Function

WARNING: Luminaire must be earthed. Risk of electric shock from LED boards if operated with cover removed. Installation / operation outside of luminaires intended scope invalidates warranty. Suitable only for domestic / light industrial / industrial applications within the scope of EN55015. Tested to compliance with BSEN 60598: specification for general requirements and tests. Must be installed by a suitably qualified person in accordance with all relevant legislation. Ambient operating temperature of 0°C to 25°C. If maximum operating temperature is exceeded luminaire will automatically dim / switch off. Terminal blocks are rated to 16A unless stated otherwise. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person**. LUMINAIRES WITH EMERGENCY PACK**: When supply is isolated battery output terminals may be live if battery is connected. Isolate mains and battery before servicing. Emergency luminaires require unswitched live connection taken from same phase as switched supply. When unswitched supply is connected status indicator illuminates green, when unswitched supply is disconnected indicator extinguishes and luminaire operates in emergency mode. 24 hour charge period required before undertaking full discharge test. Emergency test sheets provided should be used to record all emergency tests. Batteries should be replaced when 3 hour duration is not met. Excessive switching of permanent live may result in premature battery failure. Battery electrolyte can be harmful to eyes / open wounds, do not puncture, if electrolyte touches skin / eyes flush with water. Do not incinerate batteries. Lithium iron phosphate batteries must be replaced with identical make and model.

Mounting Variants



DIRECT TO GROUND **GROUND ANCHOR**

Required Tools

T30 Pin Torx Screwdriver

Flat Head Screwdriver

13mm Spanner/Ratchet Spanner

Not Included

Junction Box

M10 Fixings
(Bolt Mounting Kit & Ground Anchor sold separately)

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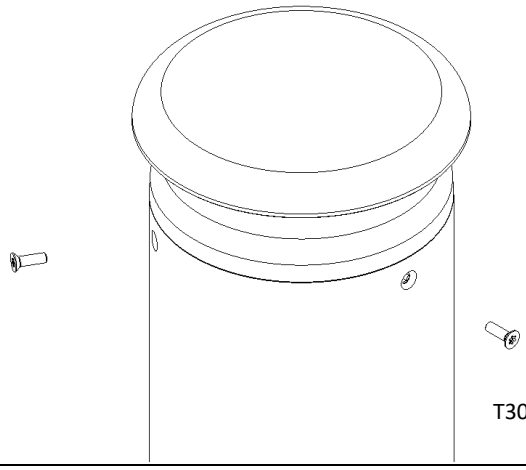
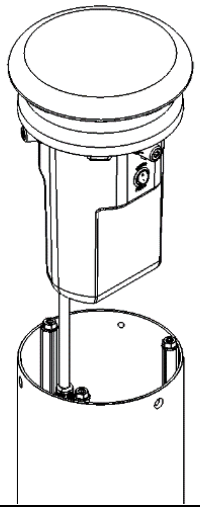
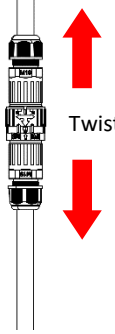
1. Unscrew X3 Security Screws



T30 Pin Torx

2. Remove the Head and disconnect the Connector

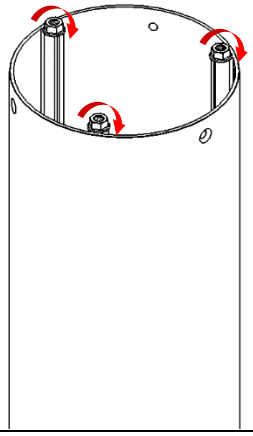


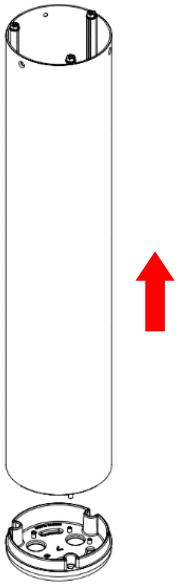


Twist to release

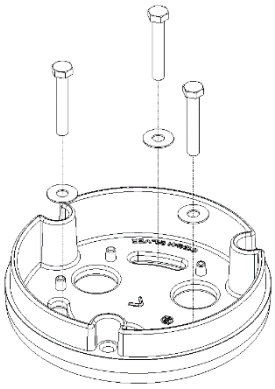
3. Loosen Threaded Rods. (Keeping Serrated Nuts attached) Then remove with the Extrusion.

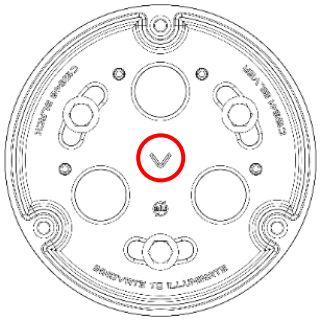
Loosen Serrated Nut then Threaded Rod





4. Install Base. (Direct to Ground)

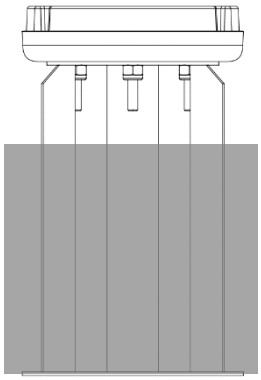




Adjust the angle of the base, so the arrow faces the front.

M10 BOLT MOUNTING KIT SOLD SEPERATELY

5. Install Ground Anchor. (Optional Accessory)

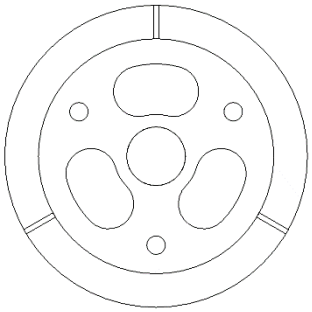


Ensure the ground anchor is level.

Concrete in the ground anchor, leaving a recess of about 100mm for bolt access and sufficient anchorage.

Leave the upper section clear to allow access for securing the bolts.

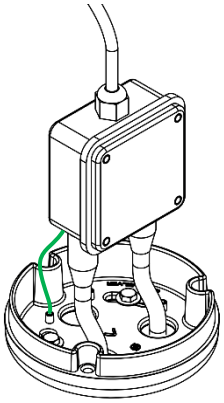
GROUND ANCHOR KIT SOLD SEPERATELY



Ensure the ground anchor is level and facing the correct direction.

Adjust the angle of the base, so the arrow faces the front.

6. Terminate cables into a Junction Box. Then wire in the Connector flex.

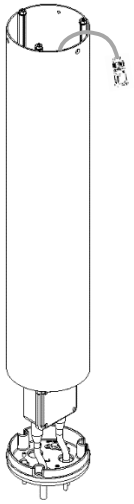


JUNCTION BOX NOT SUPPLIED

The Junction box is recommended to be installed near the base.

Connect the Earth lead to one of the screw bosses on the base, and terminate in the junction box.

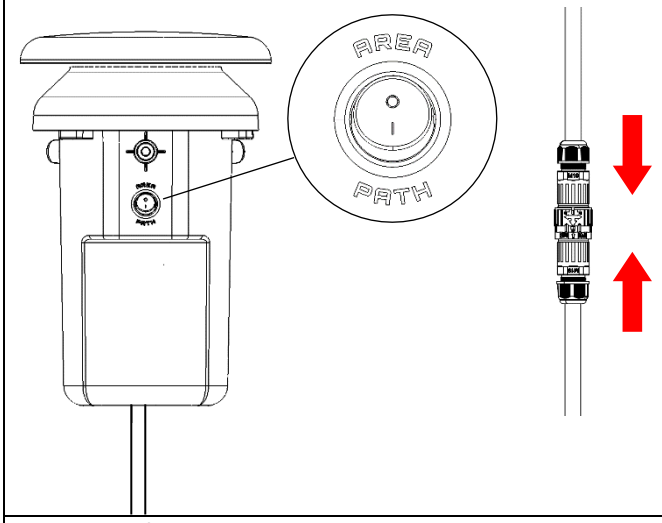
7. Refit the Extrusion and Threaded Rods to the Base. Ensure the Connector is fed through the top.



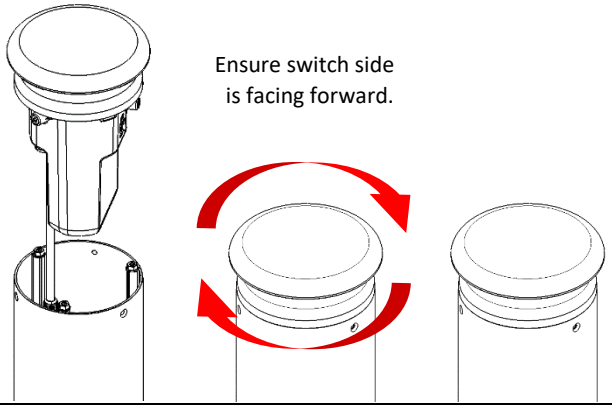
Screw down the Threaded Rods using a Flat Head Screwdriver.

Then tighten the Serrated Nuts to secure in place.

8. Select Area/Path and reconnect the Connector.

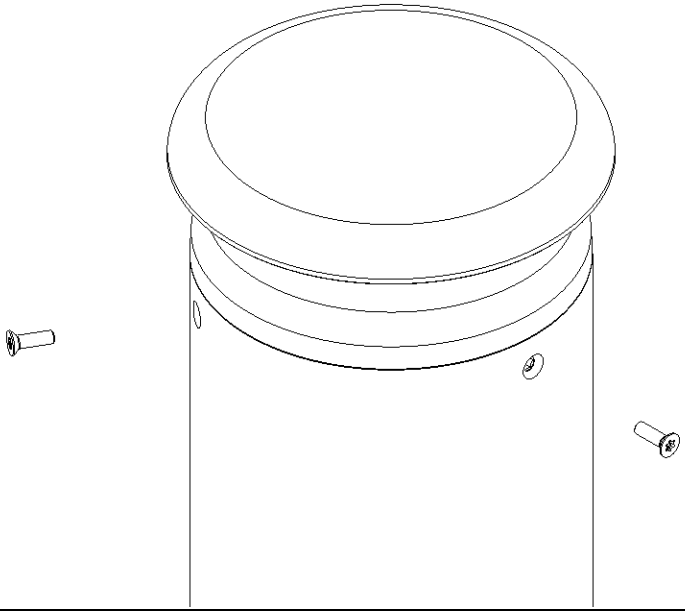


9. Refit the head and rotate clockwise to lock.

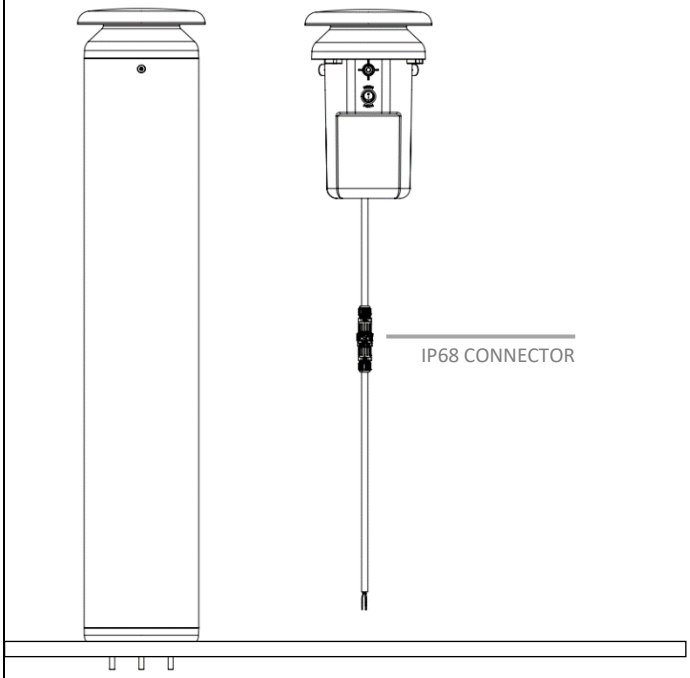


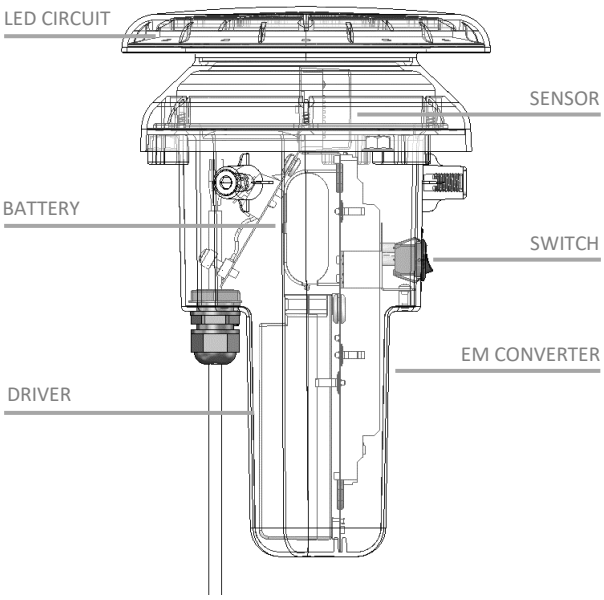
Ensure switch side is facing forward.

10. Fasten the screws to secure.



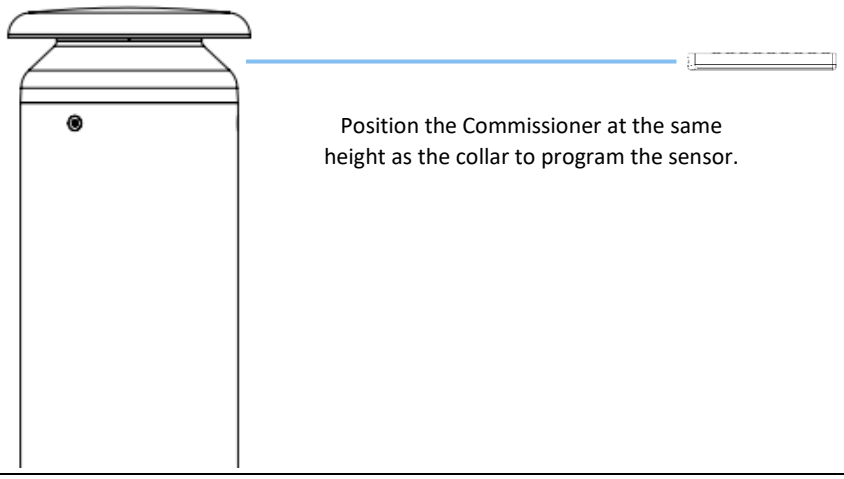
Maintenance Guide



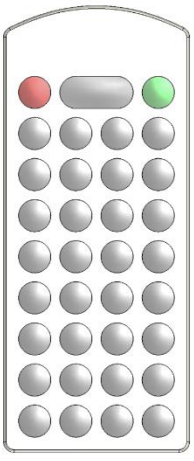


1. Disconnect the luminaire before undertaking any maintenance or cleaning.
2. Cleaning should be undertaken on external parts of the luminaire only, using a slightly damp, lint-free cloth.
3. Follow installation steps 1 - 4 to gain access the Junction Box.
4. To access the LED Circuit, Driver or Battery: disconnect the IP68 connector and remove the head. Move to a dry environment before disassembly.
5. Unscrew the six T20 screws on the underside of the Electronics Housing and loosen the IP gland. Separate the Electronics Housing from the Diffusion Collar and disconnect the Wago connectors and Earth. Unscrew and remove the gear tray to access internal components, or disassemble the Light Engine to replace the LED Board.
6. When reassembling the Head, ensure no wires are trapped in the gasket and allow sufficient drying time if the fitting has recently been exposed to water.
7. Please contact Dextra for assistance with spare component supply.

Sensor Programming



Position the Commissioner at the same height as the collar to program the sensor.



Hytronik HRC-11