

# Bollard Light (Black) Installation Instructions



BL42-RD-14W-24W-VAR-BK-V1

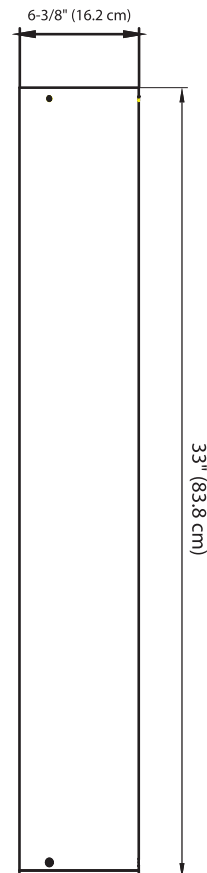
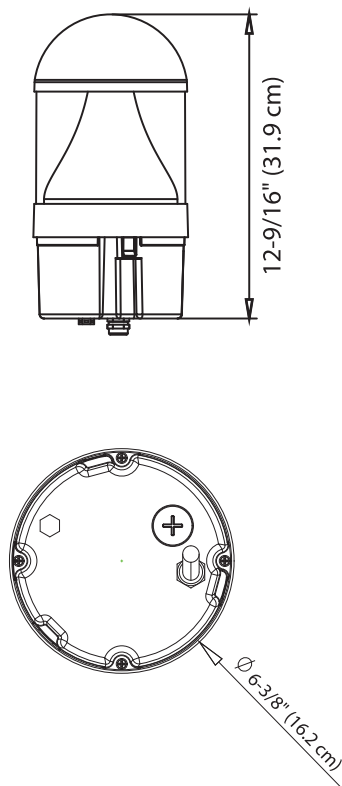


**WARNING**

1. Only qualified electricians should install this luminaire. All electrical and grounded connections MUST be in accordance with National Electrical Code and the Canadian Electrical Code, and any applicable local code requirements.
2. In case of smoke, or spark emerging from the wire, please turn off the power supply to the wire immediately and notify the relevant personnel.
3. Minimum 90°C Supply Conductor Requirement.
4. This fixture is designed for use in wet environments but is not intended to be submerged in water.
5. Please do not stare directly at the LED Lights, and wear gloves before installing the fixture to avoid an injury.
6. Please inspect the fixture for probable damages (arising from shipment) before installing and contact ARANI immediately.
7. Please confirm all accessories are included in the box and read the installation instructions carefully prior to installing the fixture.
8. This fixture is designed to operate in ambient temperatures ranging from -40°C to 45°C.  
Using it in temperatures outside this range will reduce its lifespan.
9. Switch OFF the main power supply (at the fuse/ circuit breaker) before wiring-in the fixture.
10. Please clean the luminaire regularly to ensure maintenance and its longevity.

Model Number	Input Voltage	CCT (Selectable)	Power (Selectable)	Rated Current
BLD-RCD0024W-H-MV-TCP-F-V1	120-347Vac	3000K/ 4000K/ 5000K	14W/ 19W/ 24W	0.22A

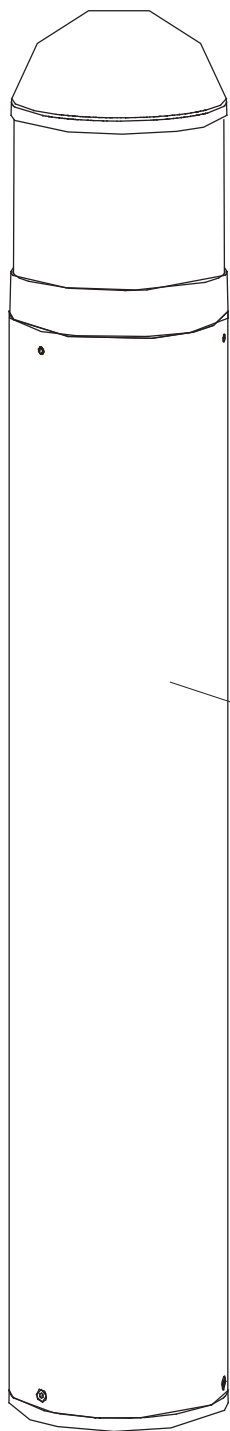
## PRODUCT DIMENSIONS:



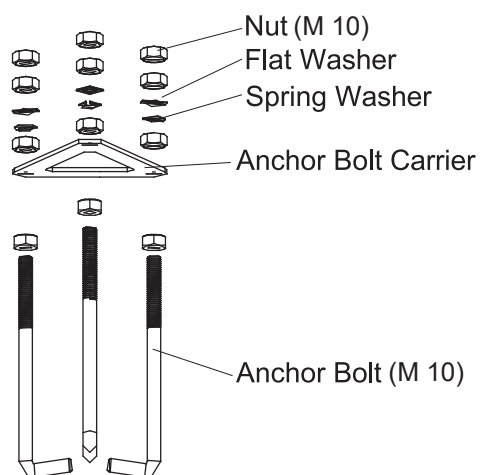
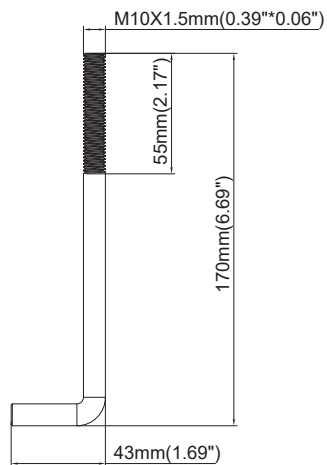
## LUMINAIRE PREPARATION

Carefully remove the luminaire and all accessories from the packaging.

Inspect the luminaire thoroughly for any damage. Do not proceed with installation if the luminaire is damaged.

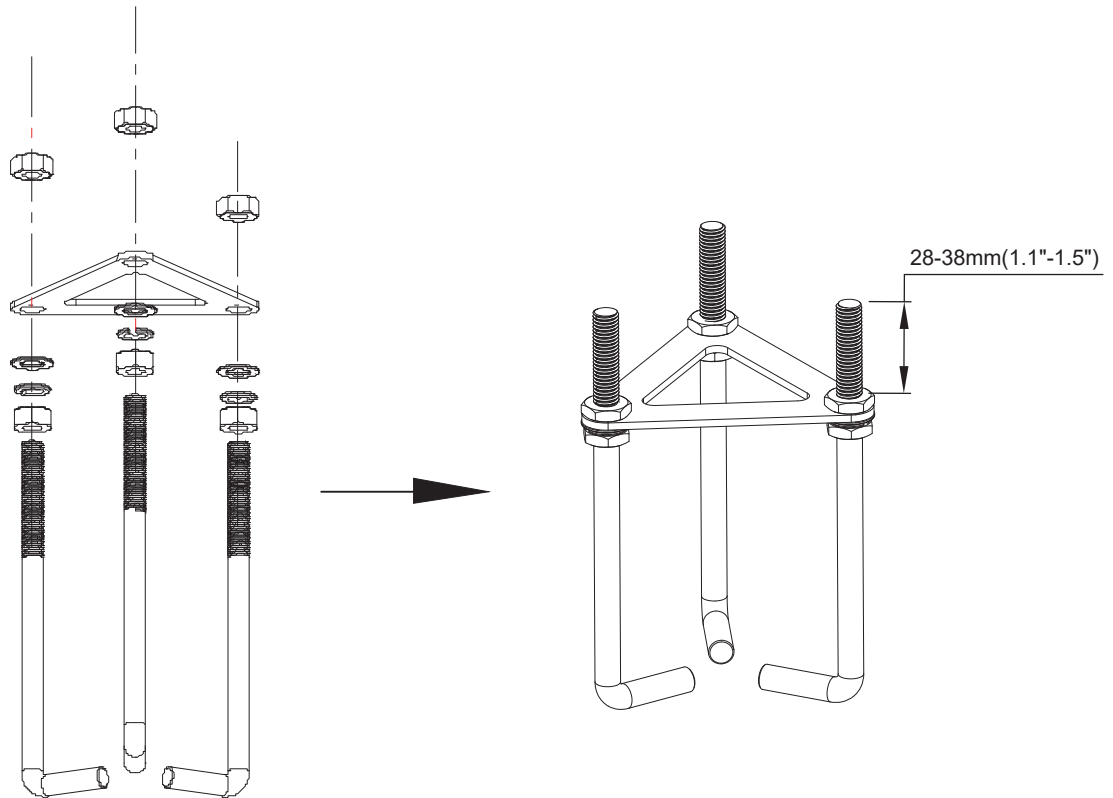


Fixture

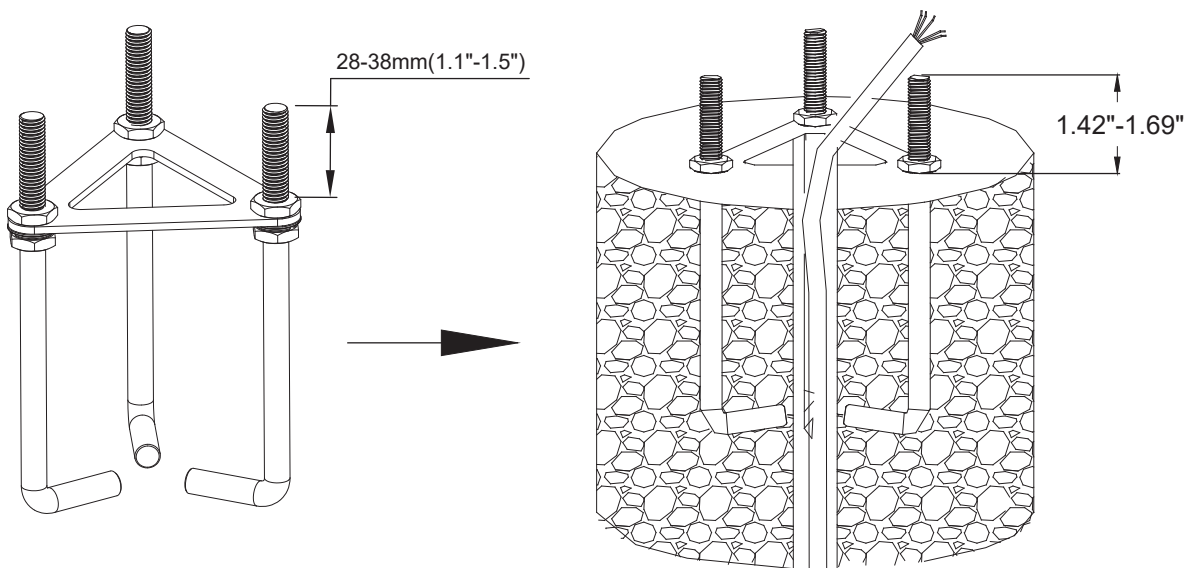


## INSTALLING BOLLARD

Prepare site for installation. Assemble the anchor bolt carrier to determine the placement of anchor bolts in the concrete.

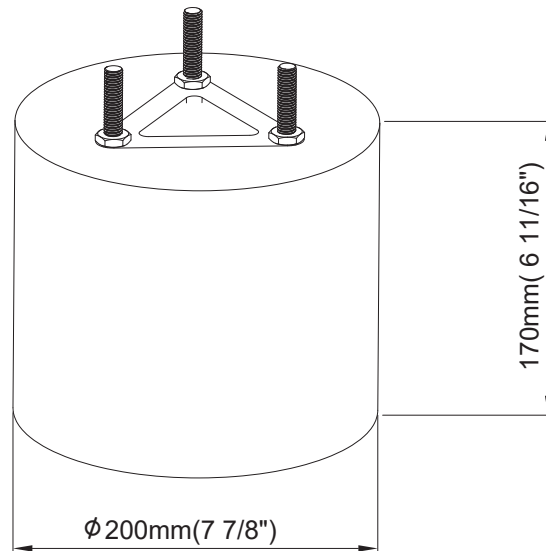


1. Ensure that concrete base is suitable for bollard's weight. (15lbs)
2. Install three anchor bolts into freshly poured, wet, reinforced concrete, leaving 36mm (1.42\") to 43mm (1.69\") protruding from the concrete.



Hole Diameter:  $\phi 30-40\text{mm}$  (1.18\"-1.57\")

The minimum recommended size for the cement base is 200 mm (7 7/8 inches) in diameter and 170 mm (6 11/16 inches) in height.



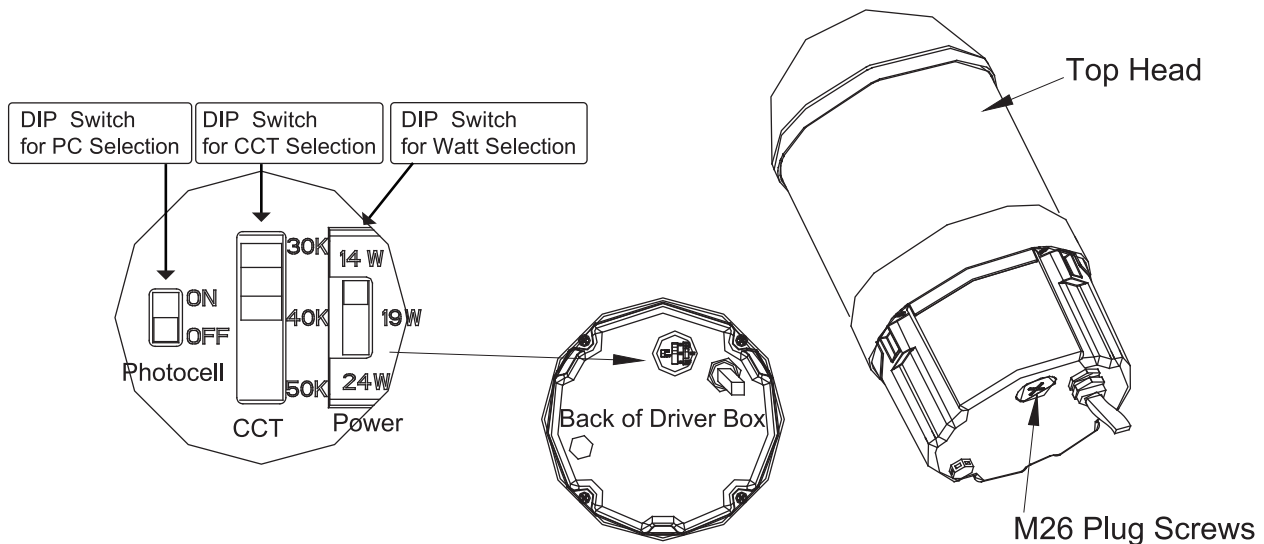
## DIAL SWITCHES DIAGRAM

Remove the top section of the bollard and unscrew the M26 plug to access its settings.

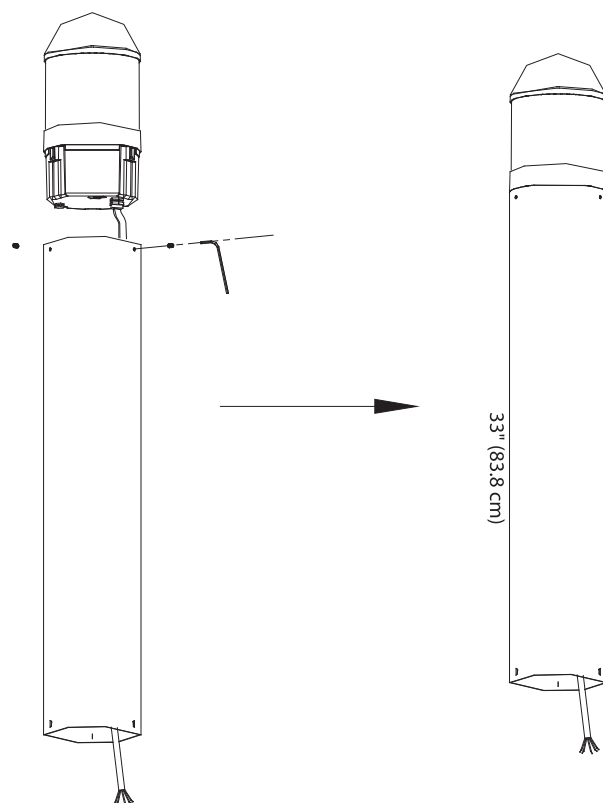
Use the left switch to control the photocell.

Use the middle switch to change the color temperature.

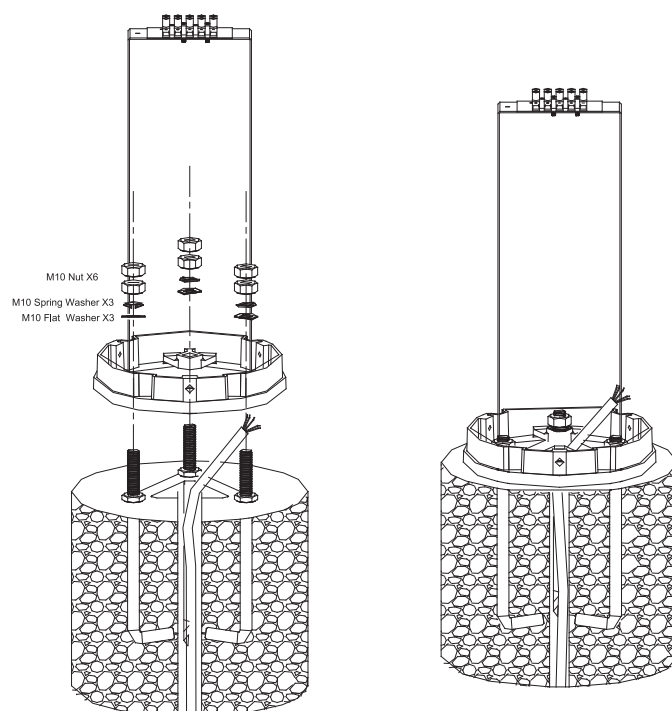
Use the right switch to adjust the wattage.



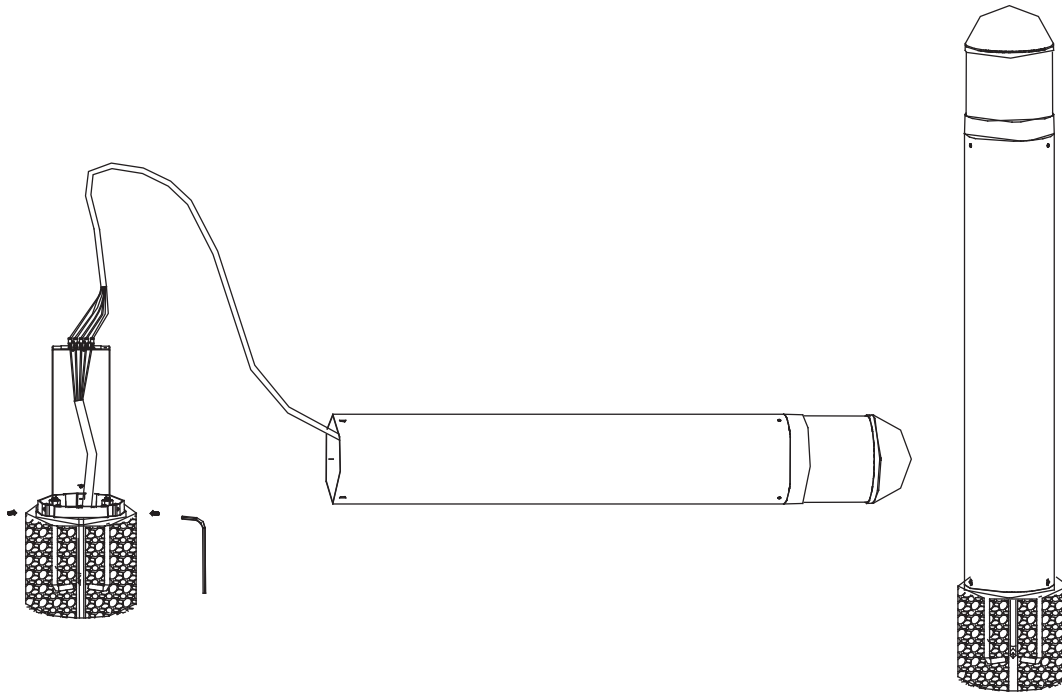
Tighten the set screws with a hex wrench.



Place the bollard base plate over the anchor bolts and tighten the nuts, securing the base plate to the foundation.



1. The wires should remain in place during installation and should not be disconnected.
2. Raise the fixture to its upright position, and tighten the set screws with a hex wrench.



## WIRING DIAGRAM

### NOTE:

This product supports both dimming and non-dimming functionalities. Each requires a distinct installation method.

- For non-dimming installation, leave the Pink (DIM-) and Purple (DIM+) wires disconnected and safely capped.
- For dimming installation, connect the Pink (DIM-) and Purple (DIM+) wires to a compatible 0-10V dimmer control. Ensure the dimmer is compatible with the fixture specifications

