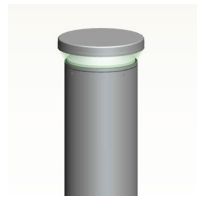
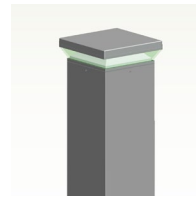


BOLLARD INSTALLATION INSTRUCTIONS



ROUND BOLLARD



SQUARE BOLLARD

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

LOCATION

CAUTION: Before mounting, make sure to align Bollard Base in the orientation that will result in the desired Bollard Fixture orientation.

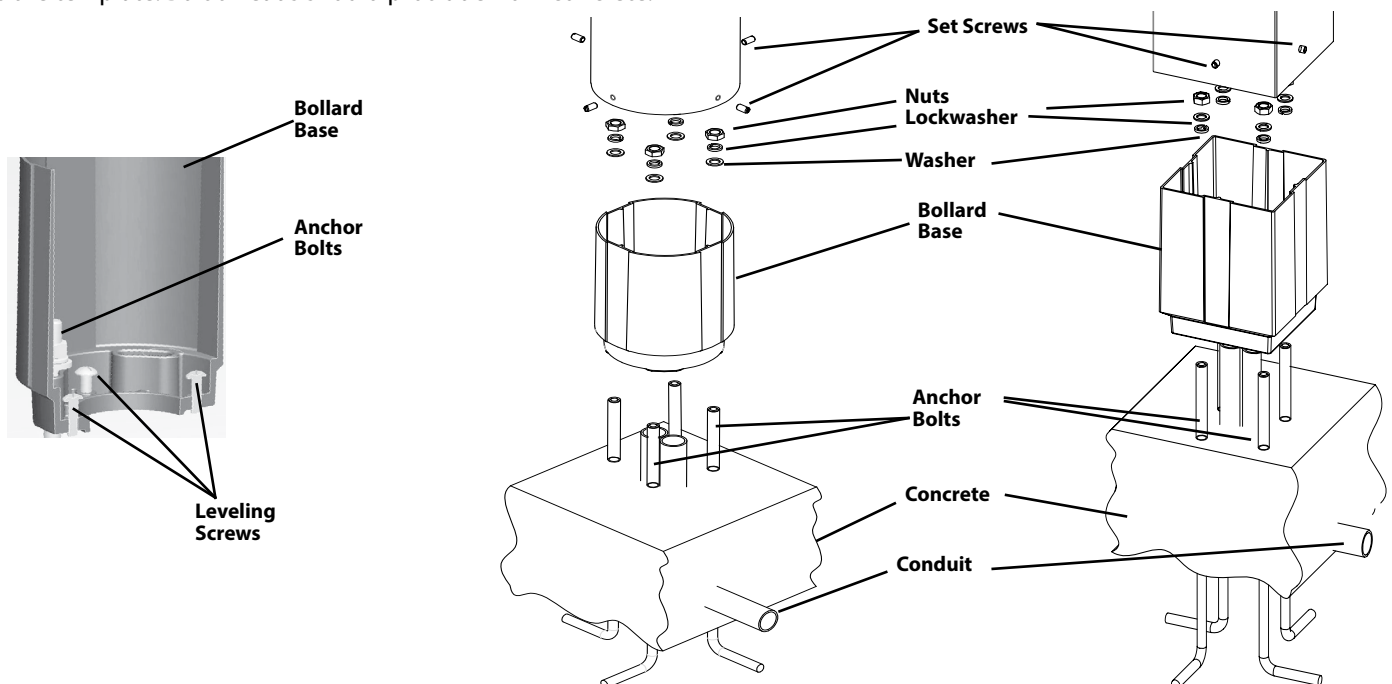
1. The **Bollard** should be mounted to a firm level surface.
2. **Anchor bolts** may be used in new concrete installations. Use the template provided.
3. For all other applications use anchors suitable for the mounting surface.

ANCHOR BOLTS INSTALLATION

CAUTION: Install according to all applicable local codes. Install four **Anchor Bolts** in concrete foundation (by others) using the template provided. **Bollard Base** may also be used as the template. Bolt threads should protrude from concrete.

BOLLARD BASE

1. Place the **Bollard Base** over **Anchor Bolts**.
2. Loosely tighten the **Washers, Lock washers and Nuts** provided. Level the **Bollard Base** with provided **Leveling screws**. Tighten all nuts and screws.
3. Be sure supply leads extend far enough to make fixture connections. Make the wiring connections with UL approved connectors.
4. Slide the Bollard over on **Bollard Base** lined up with the grooves. Be sure to check the LED position on the Bollard.
5. Use the four set screws to secure the **Bollard** to the **Bollard Base**.



BOLLARD INSTALLATION INSTRUCTIONS

CLEANING & MAINTENANCE

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean lens with non-abrasive cleaning solution
2. Do not open fixture to clean the LED.

TROUBLESHOOTING

1. Check that the line voltage at fixture is correct. Refer to wiring directions.
2. Is the fixture grounded properly?

ACCESSORIES

Bollard base Retro kit: BOLBASE24 RETRO

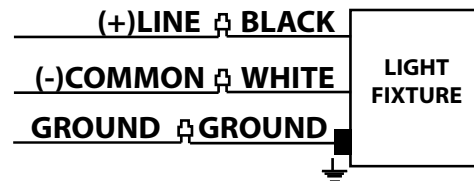
Suffix "Y" = Warm 3000K LED

Suffix "N" = Neutral 4000K LED,

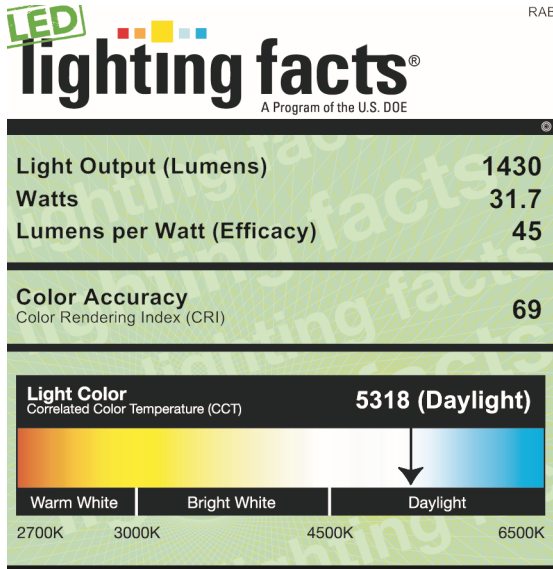
WIRING

Universal driver permits 120V to 277V, 50 or 60Hz.

1. Connect the bare copper Ground wire from fixture to supply ground.
2. Connect the black fixture lead to the (+) LINE supply lead.
3. Connect the white fixture lead to the (-) COMMON supply lead.



BLED24 Square Bollard 24W Cool LED



All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

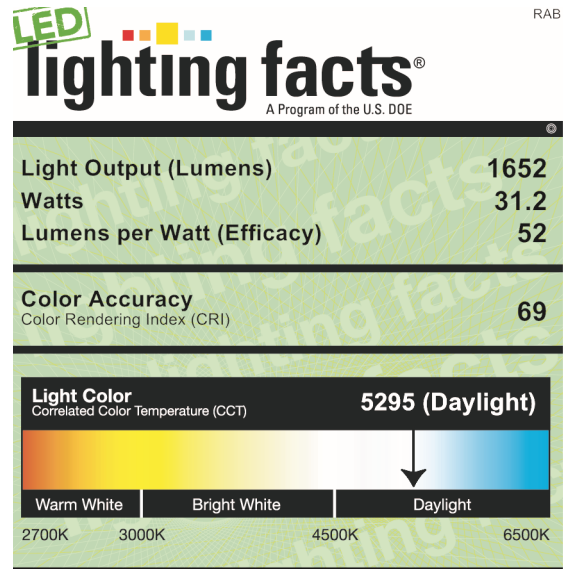
Visit www.lightingfacts.com for the *Label Reference Guide*.

Registration Number: WVMA-PTPyQS (9/25/2013)

Model Number: BLED24

Type: Luminaire - Bollard

BLED24 Round Bollard 24W Cool LED



All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the *Label Reference Guide*.

Registration Number: WVMA-nHZNJw (9/25/2013)

Model Number: BLEDR24

Type: Luminaire - Bollard

BOLLARD Round: US pat. D675,766, CA Pat. pending, CN ZL201230350184.6, MX pat. pending, TX: pat.pending
BOLLARD Square: US pat. D675,767, CA Pat. pending, CN ZL201230350185.0, MX pat. pending, TX: pat.pending

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.

BOLLARD INSTALLATION INSTRUCTIONS

ANCHOR BOLT TEMPLATE FOR BLED BOLLARD

Drawing not to scale. Use the actual mounting plate as your template.

