

Lighting for pathways of all shapes and sizes.  
Three lumen packages with up to 360° coverage.

## BLEED® BOLLARDS

Now with new round dome option



Visit [rabweb.com](http://rabweb.com)  
to see which models  
are DLC listed.

**RAB**

Outdoor

# LED BOLLARDS



- Patented base mount design for super-sturdy installation
- Available in 4 configurations to provide 360°, 270°, 180° & 90° lighting patterns
- Durable construction and vandal-resistant polycarbonate lens
- Clean, elegant design available in dome, round or square and bronze or white
- 100,000-Hour LED lifespan



**New Dome Top** - Now available with classic dome top design.



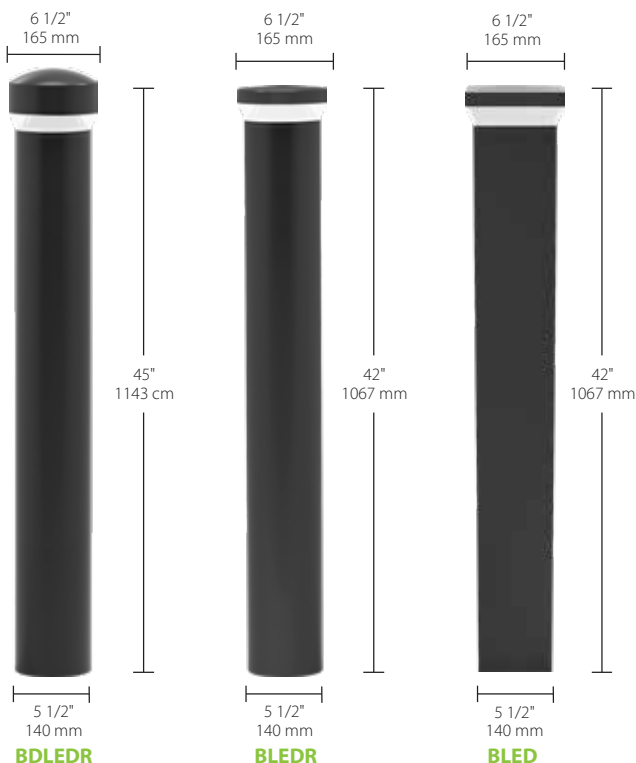
Four leveling screws provided for easy installation



Emergency 90 minute backup system. (24W only)

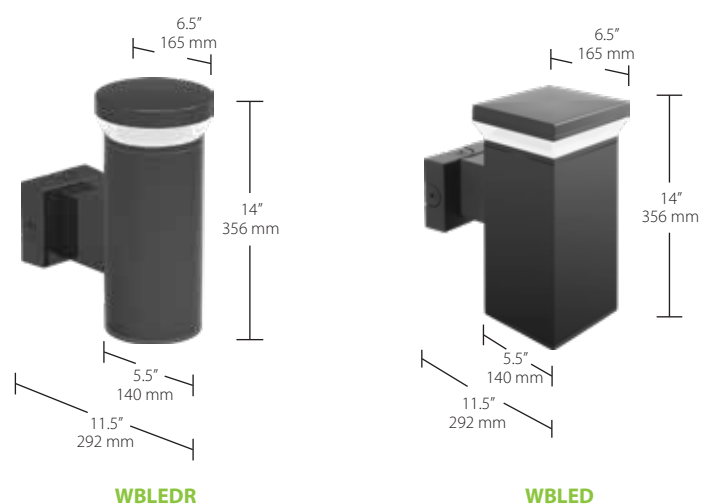
## Bollard Dimensions & Weight

**Weight:** Round & Square Bollards: 11.4 lbs.



## Architectural Sconce Dimensions & Weight

**Weight:** Round Wall Mount: 15 lbs / Square Wall Mounts: 14 lbs



## Bollard Accessory (ordered separately)

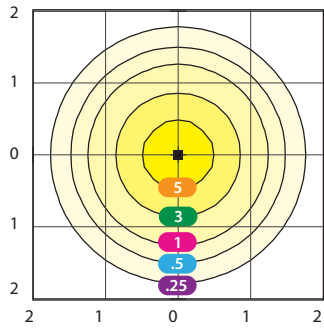
**BOLBASE24 RETRO**  
Retrofit base for mounting to existing installations



# Photometrics

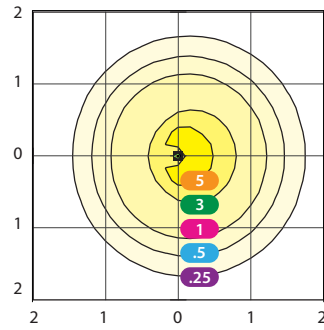
## BDLEDR24 & BLEDR24

Round & Round Dome Bollard – 360° distribution



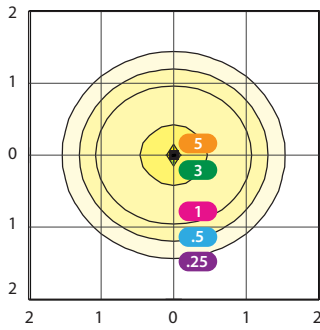
## BDLEDR18 & BLEDR18

Round & Round Dome Bollard – 270° distribution



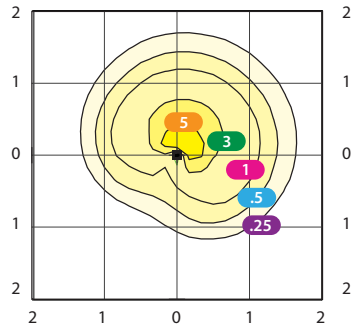
## BDLEDR12 & BLEDR12

Round & Round Dome Bollard – 180° distribution



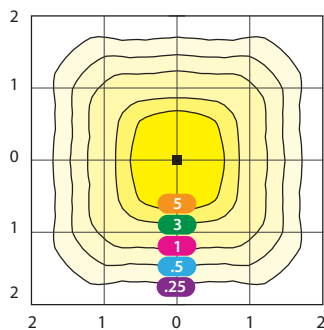
## BDLEDR12 & BLEDR12

Round & Round Dome Bollard – 90° distribution



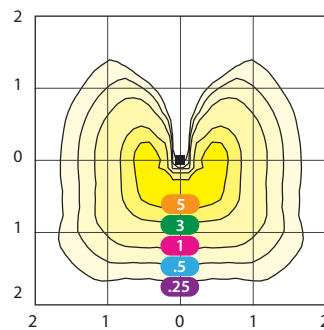
## BLED24

Square Bollard – 360° distribution



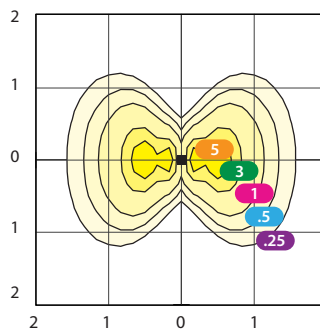
## BLED18

Square Bollard – 270° distribution



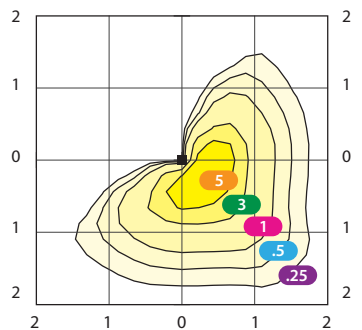
## BLED12

Square Bollard – 180° distribution



## BLED12

Square Bollard – 90° distribution



Multiples of Fixture Height (3.5') • Values shown in Footcandles

## Bollard ordering information

| Product Family / Shape   | Wattage       | Color Temp         | Finish              | Distribution                             | Voltage                 | Dimming                   | Backup                                                                   |
|--------------------------|---------------|--------------------|---------------------|------------------------------------------|-------------------------|---------------------------|--------------------------------------------------------------------------|
| <b>BLED</b> Square       | <b>24</b> 24W | <b>Blank</b> 5000K | <b>Blank</b> Bronze | <b>Blank</b> Standard†                   | <b>Blank</b> (120-277V) | <b>Blank</b> None         | <b>Blank</b> None                                                        |
| <b>BLEDR</b> Round       | <b>18</b> 18W | <b>N</b> 4000K     | <b>K</b> Black      | <b>180</b> 180° (Available for 12W only) | <b>480</b> 480V*        | <b>/D10</b> 0-10V Dimming | <b>/E</b> Battery Backup - Min Start Temp 32°F (0°C)**                   |
| <b>BDLEDR</b> Round Dome | <b>12</b> 12W | <b>Y</b> 3000K     | <b>W</b> White      |                                          |                         |                           | <b>/EC</b> Battery Backup / Cold Weather - Min Start Temp -4°F (-20°C)** |

† Standard Distributions: 24W = 360°, 18W = 270°, 12W = 90°

\*480VAC available for 24W fixture versions - offered with /D10 dimming option as standard

\*\*Only for 24W, 120-277VAC fixture versions

## Sconce ordering information

| Product Family / Shape | Wattage   | Color Temp         | Finish              | Options                            |
|------------------------|-----------|--------------------|---------------------|------------------------------------|
| <b>WBLED(R)</b>        | <b>18</b> |                    |                     |                                    |
| <b>WBLED</b> Square    |           | <b>Blank</b> 5000K | <b>Blank</b> Bronze | <b>Blank</b> No Photocell          |
| <b>WBLEDR</b> Round    |           | <b>N</b> 4000K     |                     | <b>/PCS</b> 120V Swivel Photocell  |
|                        |           | <b>Y</b> 3000K     |                     | <b>/PCS2</b> 277V Swivel Photocell |

## Specifications

### ROUND & ROUND DOME – Replaces up to 50W MH

#### BLED24 & BDLED24

| Color Temp           | 5000K | 4000K | 3000K |
|----------------------|-------|-------|-------|
| Input Watts          | 23    | 23    | 23    |
| Output Lumens        | 2546  | 2577  | 2174  |
| Lumens Per Watt      | 110   | 111   | 95    |
| Color Accuracy (CRI) | 74    | 72    | 84    |

#### BLED18, BDLED18 & WBLED18

| Color Temp           | 5000K | 4000K | 3000K |
|----------------------|-------|-------|-------|
| Input Watts          | 17    | 17    | 17    |
| Output Lumens        | 1865  | 1888  | 1593  |
| Lumens Per Watt      | 108   | 109   | 94    |
| Color Accuracy (CRI) | 74    | 72    | 84    |

#### BLED12 & BDLED12

| Color Temp           | 5000K | 4000K | 3000K |
|----------------------|-------|-------|-------|
| Input Watts          | 12    | 12    | 12    |
| Output Lumens        | 1310  | 1326  | 1119  |
| Lumens Per Watt      | 109   | 110   | 95    |
| Color Accuracy (CRI) | 74    | 72    | 84    |

### SQUARE – Replaces up to 50W MH

#### BLED24

| Color Temp           | 5000K | 4000K | 3000K |
|----------------------|-------|-------|-------|
| Input Watts          | 23    | 23    | 23    |
| Output Lumens        | 2533  | 2564  | 2163  |
| Lumens Per Watt      | 111   | 112   | 96    |
| Color Accuracy (CRI) | 74    | 72    | 84    |

#### BLED18 & WBLED18

| Color Temp           | 5000K | 4000K | 3000K |
|----------------------|-------|-------|-------|
| Input Watts          | 17    | 17    | 17    |
| Output Lumens        | 1884  | 1907  | 1609  |
| Lumens Per Watt      | 109   | 110   | 95    |
| Color Accuracy (CRI) | 74    | 72    | 84    |

#### BLED12

| Color Temp           | 5000K | 4000K | 3000K |
|----------------------|-------|-------|-------|
| Input Watts          | 12    | 12    | 12    |
| Output Lumens        | 1299  | 1315  | 1109  |
| Lumens Per Watt      | 108   | 109   | 94    |
| Color Accuracy (CRI) | 74    | 72    | 84    |

**UL:** BLED, BDLED & BLED: Suitable for wet locations. Suitable for mounting within 4ft (1.2m) of the ground.

WBLED & WBLED: Suitable for wet locations.

**LEDs:** Multi-chip, long-life LEDs

**Lifespan:** 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

**24W Driver:** Constant Current, Class 2, 100-277V, 50/60 Hz, 4kV Surge Protection, 720mA, 120V: 0.26A, 208V: 0.18A, 240V: 0.15A, 277V: 0.14A

**18W Driver:** Constant Current, Class 2, 100-277V, 50/60 Hz, 4kV Surge Protection, 700mA, 120V: 0.24A, 208V: 0.18A, 240V: 0.15A, 277V: 0.12A

**12W Driver:** Constant Current, Class2, 100-277V, 50/60 Hz, 4kV Surge Protection, 700mA, 120V: 0.13A, 208V: 0.09A, 240V: 0.08A, 277V: 0.07A

**Cold Weather Starting:** Minimum starting temperature is -40°F / -40°C

**Housing:** Die-cast aluminum with extruded aluminum bollard shaft

**Lens:** Frosted, Vandal-resistant Polycarbonate

**Reflector:** Vacuum Metalized Polycarbonate

**Gaskets:** High-temperature silicone gaskets seal out moisture

**Mounting:** BLED, BDLED & BLED: Four (4) anchor bolts provided for concrete pad mounting. Internal base support has leveling screws.

WBLED & WBLED: Die-cast aluminum wall bracket with five 1/2" conduit openings with plugs.

**Finish:** Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color.

**Color Stability:** RAB LED color stability is measured based on LM-80 testing and is available upon request. Conforms to ANSI C78.377-2017.

**Green Technology:** Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

**IESNA LM-79 & LM-80 Testing:** RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

**Patents:** The design of the BLED® and WBLED™ are protected by patents in US, Canada & China.