

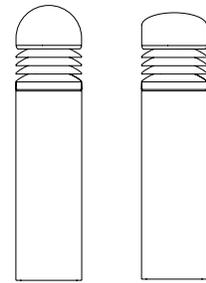


by Signify

# Bollard

## Architectural Bollard

BRM820/821/823 Dome Top Louver  
BRM824/825/827 Bevel Top Louver



Dome Top      Bevel Top

Gardco's dome top and bevel top Louver Bollards provide uniform illumination, superior spacings and solid vandal resistance. Rugged extruded and cast construction with silicone seals and gasketing assure years of trouble free service. The BRM820 and BRM 824 are complete assemblies with an aluminum base. BRM821and BRM825 head only units affix to custom architectural elements. BRM 823 and BRM827 luminaires include a concrete base assembly. Each Gardco BRM820/821/823 824/825/827 utilizes 35w through 100w high intensity discharge or up to 42w compact fluorescent lamps.

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

### Ordering Guide

example: BRM8204250MHBRPF

Prefix	Height	Wattage	Voltage	Finish	Options		
<b>Dome Top</b> <b>BRM820</b> <b>BRM821</b> <b>BRM823</b> <b>BRM823B</b> <b>BRM823G</b>	<b>BevelTop</b> <b>BRM824</b> <b>BRM825</b> <b>BRM827</b> <b>BRM827B</b> <b>BRM827G</b>	with Cast Aluminum Base Head Only with Natural Concrete Base with Beige Concrete Base with Grey Concrete Base	<b>42", 36", 30", 24"</b> <b>11"</b> <b>42"</b> <b>42"</b> <b>42"</b>	<b>50MH<sup>1</sup></b> <b>70MH</b> <b>100MH</b> <b>35HPS<sup>2</sup></b> <b>50HPS<sup>1</sup></b> <b>70HPS</b> <b>100HPS</b> <b>26QF<sup>3</sup></b> <b>32TRF<sup>3</sup></b> <b>42TRF<sup>3</sup></b> <b>INC<sup>2</sup></b> <small>100W maximum A19</small>	<b>120</b> <b>208</b> <b>240</b> <b>277</b> <b>QUAD</b>	<b>BRP</b> Bronze Paint <b>BLP</b> Black Paint <b>WP</b> White Paint <b>NP</b> Natural Aluminum Paint <b>OC</b> Optional Color Paint <i>Specify RAL designation</i> <i>ex: OC-RAL7024.</i> <b>SC</b> Special Color Paint <i>Specify. Must supply color chip.</i>	<b>F<sup>4</sup></b> Fusing <b>SHD</b> Internal 180° Shield <b>DUP<sup>5</sup></b> Duplex Receptacle <b>GFCI<sup>5</sup></b> GFCI Receptacle

Enter the order code into the appropriate box above. Note: Gardco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

TF - Twin Tube Compact Fluorescent    TRF - Trpile Tube Compact Fluorescent    INC - Incandescent

1. 120 or 277V only.
2. 120V only.
3. Features an electronic fluorescent ballast that accepts 120V through 277V, 50hz or 60hz input. 0°F/18°C starting temperature.
4. Specify single voltage.
5. BRM820 and BRM824 only. Available in 36" and 42" heights only. Weathertight, flush mounted in lower housing, and located a minimum of 18" above grade.

# Bollard BRM820/821/823 Dome Top Louver BRM824/825/827 Bevel Top Louver

## Specifications

### UPPER HOUSING

Diecast aluminum dome top secures to one-piece louvered casting with three (3) concealed tamper resistant screws.

### LOWER HOUSING

#### BRM820 / BRM824

Luminaire features a cylindrical .125" (.318 cm) wall 6063-T5 extruded aluminum base housing. Bottom section has a welded-in cast ring for attachment to base assembly with four (4) hex head set screws.

#### BRM821 / BRM825

Louver head assembly is affixed to ballast mounting bracket which is suitable for insertion into architectural elements (by others).

#### BRM 823 / BRM827

Luminaire includes a pre-cast concrete base constructed with steel molds and wire reinforcing. Base is acid-etched to provide a smooth textured aggregate finish.

### OPTICAL SYSTEM

Louvers are angled to provide maximum spacings while shielding the source to 90°.

Upper louver features a concealed hammertoned anodized aluminum reflector to increase luminaire efficiency and generate unstriated beam patterns. A fully gasketed Pyrex vessel enshrouds the lamp envelope and is secured with a stainless steel spring.

### SOCKET

Medium base pulse-rated lampholder is glazed porcelain with nickel plated reinforced screw shell and spring loaded contact.

### ANCHORAGE

BRM820 / BRM824 :Base assembly consists of a cast aluminum platform and ballast mounting bracket. Assembly is secured and leveled to the mounting foundation with four (4) 3/8" x 8" x 1 1/2" (.953 cm x 20.32 cm x 3.81 cm) anchor bolts on a 4 3/4" (12.07 cm) bolt circle. Ballast is prewired with quick electrical disconnects and

mounting bracket is secured with two (2) Phillips head screws for ease of installation and servicing.

#### BRM 821 / BRM825

Mounting plate is cast aluminum with slots to accept anchor bolts (by others) at 90° on a 6 1/4" (15.88 cm) diameter bolt circle. A 4 1/2" (11.43 cm) diameter opening is required to house ballast assembly.

#### BRM823 / BRM827

Base assembly consists of four (4) galvanized steel base tabs fastened to pre-cast concrete base. Assembly is secured and leveled to the mounting foundation with four (4) 3/8" x 8" x 1 1/2" (.953 cm x 20.32 cm x 3.81 cm) anchor bolts on a 9 1/2" (24.13 cm) bolt circle. Base is designed for 5" (12.7 cm) direct burial

### ELECTRICAL

Each high power factor HID ballast is the separate component type, capable of providing reliable lamp starting down to -20°F/-29°C. Fluorescent luminaires utilize

electronic ballasts that are high power factor and designed for reliable lamp starting to 0°F/18°C. Smart fluorescent ballasts accept 26w, 32w and 42w in all voltages from 120 to 277, 50/60Hz. Sockets are high temperature PBT with brass contacts. Component-to-component wiring within the luminaire will carry no more than 80% of rated current and is listed by UL for use at 600 VAC at 150°C or higher. Plug disconnects are listed by UL for use at 600 VAC, 15A or higher.

### LUMINAIRE FINISH

Each luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured textured powdercoat finish

### LABELS

All luminaires bear UL or CUL (where applicable) Wet Location labels.

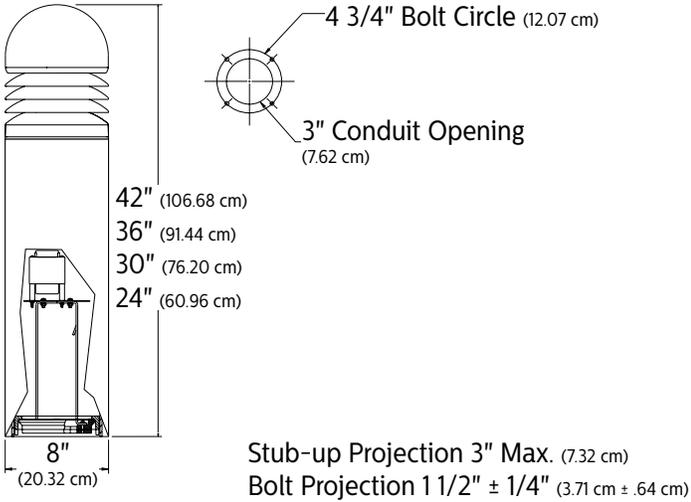
### WARRANTY

5 year limited warranty. See [signify.com/warranties](http://signify.com/warranties) for complete details and exclusions.

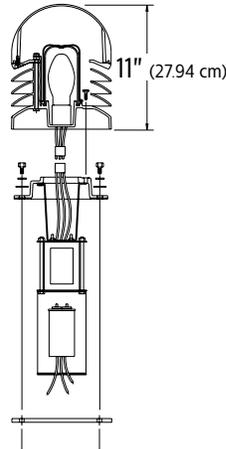
# Bollard BRM820/821/823 Dome Top Louver BRM824/825/827 Bevel Top Louver

## Dimensions

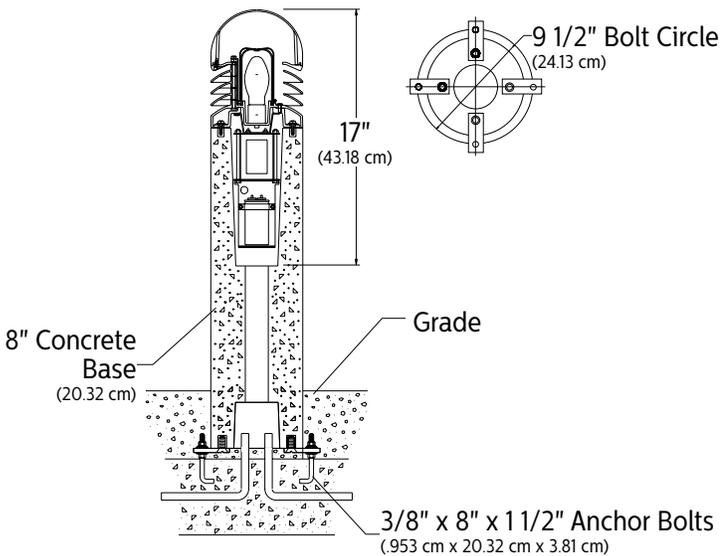
### BRM820 / BRM824



### BRM821 / BRM825



### BRM823 / BRM827



**NOTE:** Factory supplied template must be used when setting anchor bolts.

Gardco will not honor any claim for incorrect anchorage placement from failure to use factory supplied templates.

