

Notes:

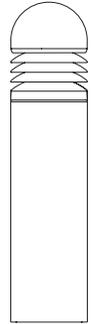
Job:

Type:

BOLLARD

BRM820/821/823 DOME TOP LOUVER

GENERAL DESCRIPTION: Gardco's dome top Louver Bollard provides 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 is a complete assembly with an aluminum base. BRM821 head only unit affixes to custom architectural elements. the BRM 823 luminaire includes a concrete base assembly. Each Gardco BRM820/821/823 utilizes 35w through 100w high intensity discharge or up to 42w triple tube fluorescent lamps.



ORDERING

PREFIX	HEIGHT	WATTAGE	VOLTAGE	FINISH	OPTIONS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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.					<input type="text"/>

PREFIX

BRM820	with Cast Aluminum Base
BRM821	Head Only
BRM823	with Natural Concrete Base
BRM823B	with Beige Concrete Base
BRM823G	with Grey Concrete Base

HEIGHT

42"	36"	30"	24"
11"			
42"			
42"			

WATTAGE

50MH¹	35HPS²	26QF³	INC²
70MH	50HPS¹	32TRF³	<i>100w maximum A19</i>
100MH	70HPS	42TRF³	
	100HPS		
	<i>MH</i>	<i>Metal Halide</i>	
	<i>HPS</i>	<i>High Pressure Sodium</i>	
	<i>INC</i>	<i>Incandescent</i>	

1. 120/277V Primary only.
2. 120V Primary only.
3. Features an electronic fluorescent ballast that accepts 120V through 277V, 50hz or 60hz input. 0°F/18°C starting temperature.

VOLTAGE

120
208
240
277

FINISH

BRP	Bronze Paint	OC	Optional Color Paint <i>Specify RAL designation ex: OC-RAL7024</i>
BLP	Black Paint		
WP	White Paint	SC	Special Color Paint <i>Specify. Must supply color chip</i>
NP	Natural Aluminum Paint		
VP	Verde Green Paint		

OPTIONS

F	Fusing
SHD	Internal 180° Shield
DUP	Duplex Receptacle <i>BRM820 only. Available in 36" and 42" heights only. Weathertight, flush mounted in lower housing, and located a minimum of 18" above grade.</i>
GFCI	GFCI Receptacle <i>BRM820 only. Available in 36" and 42" heights only. Weathertight, flush mounted in lower housing, and located a minimum of 18" above grade.</i>

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Genlyte Group

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79115-35/0306

BOLLARD

BRM820/821/823 DOME 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

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

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

BRM 823

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

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

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

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

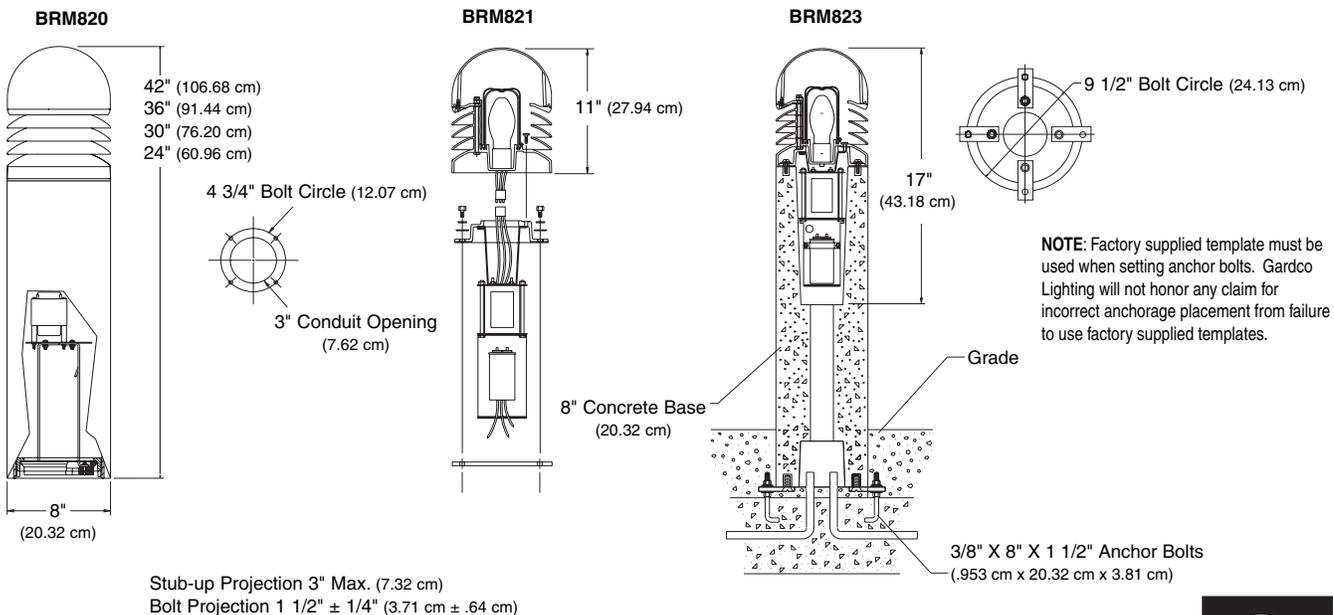
ELECTRICAL: Each high power factor ballast is the separate component type, capable of providing reliable lamp starting down to -20°F/-29°C. Component-to-component wiring within the luminaire will carry no more than 80% of rated current and is listed by UL for use at 600 VAC at 150°C or higher. Plug disconnects are listed by UL for use at 600 VAC, 15A or higher.

All 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.

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

LABELS: All fixtures bear UL or CUL (where applicable) Wet Location labels.

DIMENSIONS



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