

FEATURES & SPECIFICATIONS

INTENDED USE — For walkways, plazas or pedestrian areas. **Certain airborne contaminants can diminish integrity of acrylic.** [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

CONSTRUCTION — Extruded one-piece aluminum, 0.156" wall thickness. Molded top cover, 0.156" wall thickness. 42" overall height standard. 8" nominal diameter tube standard. Three 1/2" x 11" anchor bolts with double nuts and washers (shipped separately). 3-5/8" max. bolt circle template included.

Finish: Standard finish is textured dark bronze (DDBT) polyester powder, electrostatically applied and oven-cured. Other colors and flat powder paint available as options.

OPTICS — Two reflector options are available: Type V symmetric and asymmetric distribution. Asymmetric reflector is adjustable independent of bollard orientation and can be adjusted without removing top cover. Lens is clear, seamless 100% virgin acrylic, 1/4" wall, flush fitting. Coated lamp is standard.

ELECTRICAL — High pressure sodium and metal halide are high-power-factor ballasts. Ballast is 100% factory-tested for reliable operation. Electrical components are tray-mounted with quick-disconnect plug and are accessible through top of bollard. Vertically oriented, medium-base pulse-rated porcelain socket with copper alloy, nickel-plated shell and center contact. Compact fluorescent electronic high-frequency multi-volt ballast, starting temperature 0° F (-18° C), <10% THD. Ballasts are mounted on a removable power tray. Four-pin, white thermoplastic body with quick-connect push-in wiring terminals.

LISTINGS — Listed and labeled to UL standards for wet locations. Listed and labeled to CSA standards for wet locations (see Options.) NOM Certified (see Options).

WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type



Architectural Bollard

MRBX

HIGH PRESSURE SODIUM
METAL HALIDE
COMPACT FLUORESCENT
INCANDESCENT



Specifications

Nominal Diameter: 8 (20.3)

Height: 42 (106.7)

*Max. Weight: 45 lbs (20.4 kg)

*Weight as configured in example below.

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

For shortest lead times, configure product using **bolded options**.

Example: MRBX 70M ASY 120 LPI

MRBX								
Series	Wattage		Distribution	Voltage	Ballast	Options	Finish ¹²	Lamp ¹³
MRBX	<u>High pressure sodium</u>	<u>Compact fluorescent</u>	SYM Type V sym-metric	120	<u>HID</u>	<u>Shipped installed in fixture</u>	(blank) Dark bronze, textured	LPI Lamp included L/LP Less lamp
		13DTT	ASY Asymmetric	208 ³	(blank) Standard magnetic	SF Single fuse (120, 277, 347V; N/A TB) ^{6,9}	DSST Sandstone, textured	
	35S ¹	26TRT		240 ³	CWI Constant wattage isolated	DF Double fuse (208, 240V) ^{6,9}		
	50S	32TRT		277		GLR Internal fast-blow fusing ^{8,9}	DNAT Natural aluminum, textured	
	70S	<u>Incandescent</u> ²		347⁴		GMF Internal slow-blow fusing ^{8,9}		
	100S	I		TB^{5,6}	<u>Compact fluorescent</u>	ELDWC Cold-weather emergency battery pack (-20°C min. start temp.) ^{8,9,10}	DWHG White, textured	
	<u>Metal halide</u>			MVOLT^{7,8}	<u>(blank)</u> Electronic, 0°F	H24 24" overall height	DBLB Black, textured	
	50M				<u>Incandescent</u>	H30 30" overall height	<u>Super Durable Finishes</u>	
	70M				(blank) None	H36 36" overall height	DDBTXD Textured dark bronze	
	100M					CSA CSA Certified	DBLBXD Textured black	
						NOM NOM Certified ¹¹	DNATXD Textured natural aluminum	
						<u>Shipped separately</u>	DSSTXD Textured sandstone	
					HS Internal half shield	DWHGXD Textured white		

Notes:

1 120V only.

2 120V only. 100W max. A19 lamps only. Not available with LPI.

3 Must specify CWI for use in Canada.

4 347V not available in 50S.

5 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.

6 Available for HID units only.

7 Optional multi-volt electronic ballast capable of operating any line voltage from 120-277V.

8 Compact fluorescent only.

9 Must specify voltage.

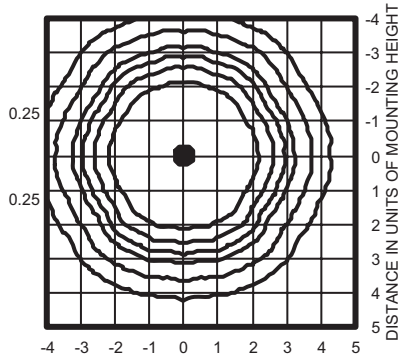
10 ELDWC with compact fluorescent does not satisfy North Carolina code criteria for state owned buildings per 2012 NC Building Code: 1006.3 and 1006.4.

11 Consult factory for availability.

12 See www.lithonia.com/archcolors for additional color options.

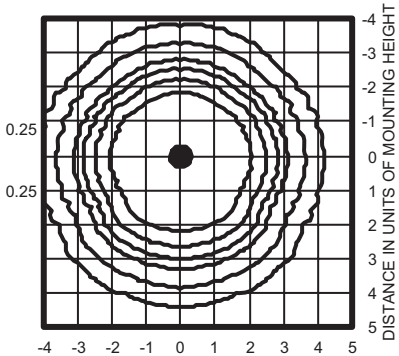
13 Must be specified. Coated lamps required (35K lamp for CFL LPI).

MRBX 100S SYM (COATED LAMP) TEST NO: LTL15506



100W lamp, rated 8400 lumens.
Footcandle values based on 3' mounting height.
Classification: Type V, Cutoff

MRBX 100S ASY (COATED LAMP) TEST NO: LTL15507



100W lamp, rated 8400 lumens.
Footcandle values based on 3' mounting height.
Classification: Unclassified (Type IV, Very Short), Cutoff

Notes:

- 1 For electrical characteristics, consult outdoor technical data specification sheets on www.lithonia.com.
- 2 Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications are based on the most current available data and are subject to change.
- 3 Actual performance may differ as a result of end-user environment and application.