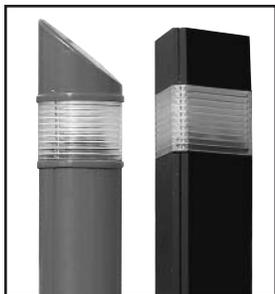


MTR Bollards



Project: _____
 Type: _____ Qty: _____

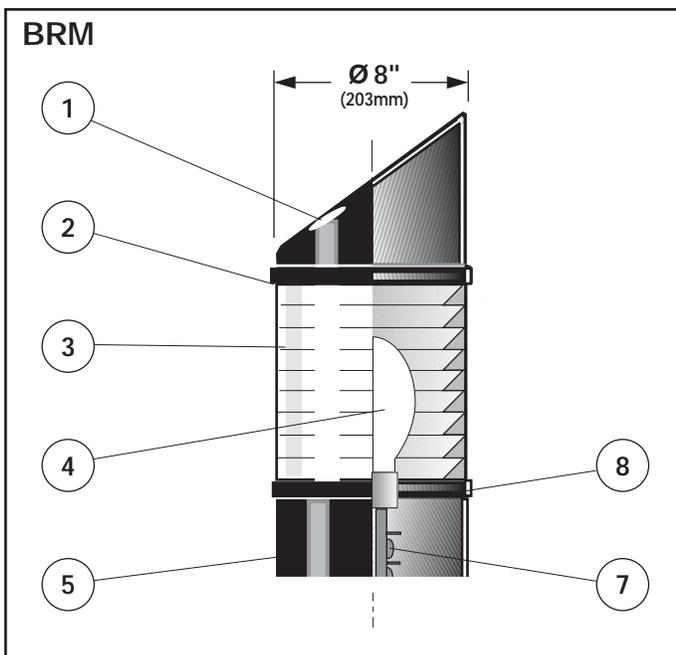
 Fixture Series Height Lamp Type / Wattage Finish Voltage Option

Fixture Series	Height	Lamp Type / Wattage	Finish	Voltage	Options
BRMF MTR* Bollard Round Flat Top	2 2' (.6m)	<u>Metal Halide</u>	WH White	120	HS House Side Shield (180)
	3 3' (.9m)	H050** 50w	BK Black	208	
BRM MTR* Bollard Round	4 4' (1.2m)	<u>HPS</u>	BZ Bronze	240	Consult factory for details
BTM MTR* Bollard Triangular	or specify custom height	H070 70w	SV Silver	277	
WRM MTR* Wall Mount Round	Wall Mounting see p. 2	H100 100w	SP Specify RAL#	347	
WTM MTR* Wall Mount Triangular		S100 100w			

* US Patent No. 4,669,034

** Only available in 120v and 277v

***Not available in 208v or 240v



1. Fixture Cover - Die-cast aluminum cover, with round angled or triangular form to reflect and complement the column design. Thick walled, aluminum cover is painted white on the interior for maximum luminaire efficiency. Removes by loosening three, vandal-resistant, stainless steel screws for easy access to lamp chamber.

2. Gasketing - Continuous gaskets provide weather-proofing, dust, and insect control at shielding base, fixture cover and between MTR rings.

3. Shielding - Injection-molded acrylic multi-prisms for total reflection (MTR). MTR rings have a wall thickness of 0.591" (15mm) and are patterned after the light bending characteristics of a prism. (US Patent 4,669,034) Secured to die-cast aluminum fitter.

4. Lamp - Enclosed by borosilicate glass cylinder. One coated, base down, medium base ED-17 metal halide up to 100w; high pressure sodium up to 100w; or triple tube, four pin GX24q-3 for 32w and GX24q-4 for 42 compact fluorescent. Lamp provided by others.

5. Column - Extruded, thick-walled aluminum, minimum wall thickness 0.118" (3mm). Available in a smooth round or triangular design, with three vertical grooves. Mounted to cast aluminum base with three, vandal-resistant, stainless steel countersunk screws.

6. Borosilicate Glass Cylinder - (Not shown) Provides thermal stability and filters U.V. rays from

lamp. Secured by three retaining clips.

7. Ballast - Open core and coil ballast pre-wired to pulse rated, porcelain, medium base socket for HID lamps. Cold weather electronic ballast for fluorescent lamps. Consult factory for more detailed ballast information.

8. Column Fitter - Die-cast, aluminum fitter holds ballast assembly and lamp socket. Fastened to column with three, vandal-resistant stainless steel, countersunk screws. Column fitter removal allows access to ballast assembly.

Exterior Luminaire Finish - SELUX utilizes a high quality Polyester Powder Coating. All SELUX luminaires and poles undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. SELUX powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), Bronze (BZ), and Silver (SV). RAL colors (SP) are available, please specify RAL#.

In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.com/usa are the most recent versions and supercede all other printed or electronic versions.



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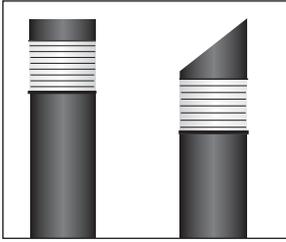
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MTR Bollards

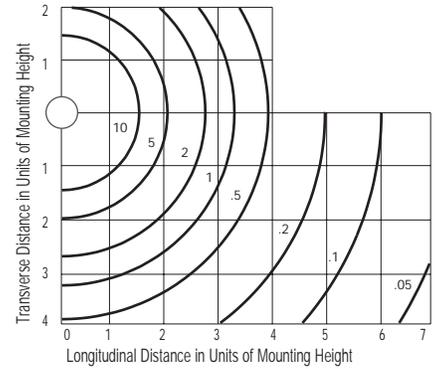
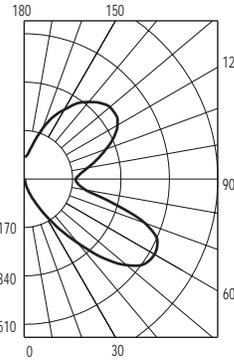


BRMF/BRM

Catalog # BRM-3-H100
Report # SX 40308

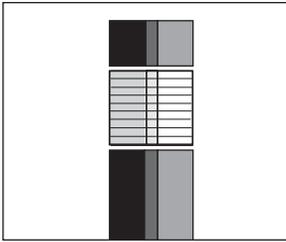


- Innovative multi-prisms for total reflection incorporates light-bending characteristics of a prism. US patent no. 4,669,034.
- Directs light precisely with minimum intensity at critical viewing angles.
- Blends efficiency with visual comfort.
- Maximum candela of 517.1 at 60° from vertical.

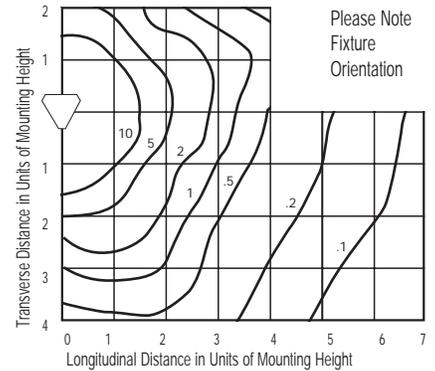
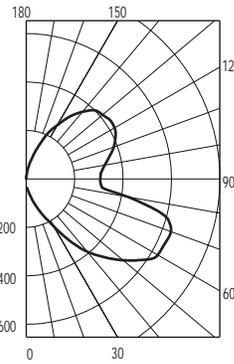


BTM

Catalog # BTM-3-H100
Report # SX 40309



- Innovative multi-prisms for total reflection incorporates light-bending characteristics of a prism. US patent no. 4,669,034.
- Directs light precisely with minimum intensity at critical viewing angles.
- Blends efficiency with visual comfort.
- Maximum candela of 628 at 70° from vertical.



Lamp Prorate Table

High Pressure Sodium			Metal Halide			Fluorescent		
Wattage	Factor	Initial Lumens	Wattage	Factor	Initial Lumens	Wattage	Factor	Initial Lumens
50	0.47	3700	50	0.44	3400	32	0.48	2400
70	0.74	5800	70	0.64	5000	42	0.64	3200
100	1.13	8800	100	1.00	7800			

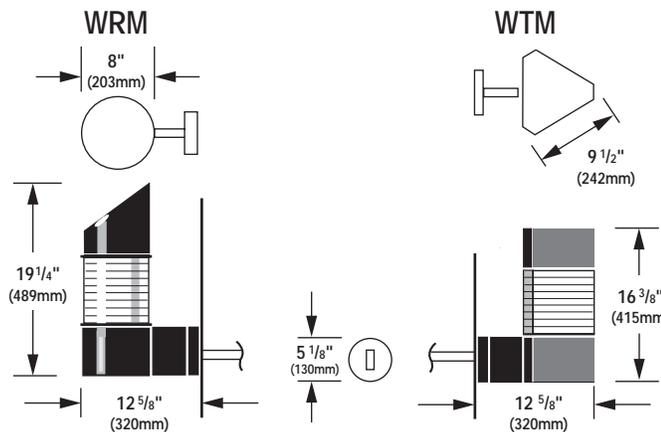
Conversion Chart

Values based on 3' (.9m) mounting height

Mounting Height	Multiply
2.0' (.6m)	2.25
2.5' (.8m)	1.44
3.0' (.9m)	1.00
3.5' (1.1m)	0.73
4.0' (1.2m)	0.56

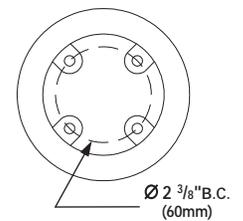
Wall Mount Information

Die cast aluminum wall mount arm with die-cast aluminum canopy. Attaches to cast base of fixture. Secured to wall with 1/4" (6mm) diameter threaded fasteners (by others).



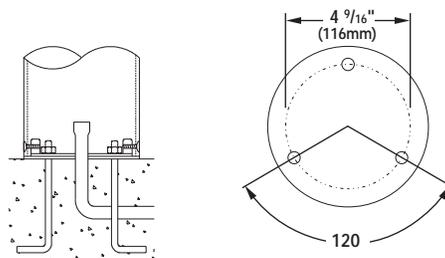
Wall Arm Mounting Detail

(Conduit and mounting hardware by others.)



Anchorage Information

Stub conduit above footing by others. Suggested anchor bolt projection 1 - 1 1/2" (25 - 38mm). Concrete footing designed and installed by others. Conduit Opening = Ø 2" (51mm)



Supplied with three, 3/8" x 15" (10 x 381mm) anchor bolts and template. NOTE: Determine orientation of Bollard before setting anchor bolts.

Profiles

