

Saturn Bollard

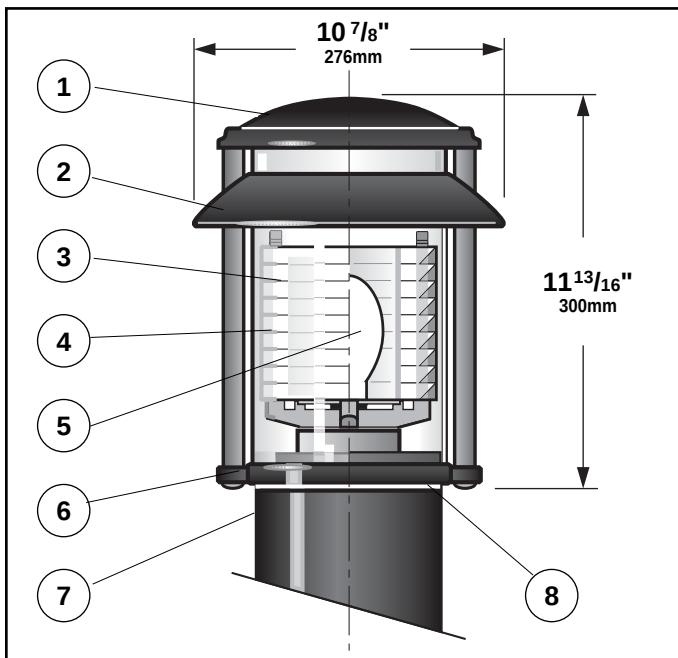
se'lux®



Project: _____
Type: _____ **Qty:** _____

SAB - - - - -
Fixture Series **Shielding** **Height** **Lamp Type/ Wattage** **Finish** **Voltage** **Option**

Series	Shielding	Height	Lamp Type / Wattage			Finish	Voltage	Options
SAB Saturn Bollard	SP Type V Silver Louver	2 2' (.6m)	<u>Metal Halide</u>	<u>HPS</u>	<u>Fluorescent</u>	WH White	120	HS House
	WP Type V White Louver	3 3' (.9m)	H050** 50w	S050** 50w	F32*** 32w	BK Black	277	Side
	MR Type V MTR* 150 Refractor	4 4' (1.2m) or specify custom height	H070 70w	S070 75w	F42*** 42w	BZ Bronze	347	Shield
	B3 Type III Borosilicate					SV Silver		(180°)
	B5 Type V Borosilicate					SP Specify RAL#		Consult factory for details
	W Wall							
* 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 painted white on the interior for maximum luminaire efficiency. Removes for easy access to lamp chamber.

2. Fixture Hood - Die-cast aluminum shade.

3. Shielding - Select Type V silver louver or white louver, or Type V MTR 150 refractor. Also available are borosilicate glass refractors in Type III and Type V distributions

4. Diffuser - Clear, U.V. stabilized, acrylic with a minimum wall thickness of 0.125" (3mm).

5. Lamp - One coated, base down, medium base ED-17 metal halide up to 70w; high pressure sodium up to 70w; or triple tube, four pin, compact fluorescent lamps in 32w or 42w. Lamp provided by others.

6. Gasketing - Continuous neoprene gasket provides weather-proofing, dust, and insect control for all fixture connections.

7. Column - Extruded aluminum tubing houses core and coil ballast for HID lamps and cold-weather electronic ballast for fluorescent lamps. Pulse rated porcelain medium base socket for HID lamps attaches to die-cast aluminum socket cup for maximum heat dissipation and is pre-wired to ballast. Consult factory for more detailed ballast information.

8. Column Fitter - Die-cast aluminum fitter base secured to column with stainless steel, threaded fasteners.

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#.



**Union Made
 Affiliated with
 IBEW Local 363**

SELUX Corp. © 2002
 PO Box 1060, 5 Lumen Lane
 Highland, NY 12528
 TEL: (845) 691-7723
 FAX: (845) 691-6749
 E-mail: seluxus@selux.com
 Web Site: www.selux.com/usa
 SAB-1003-01 (ss-V3.1)

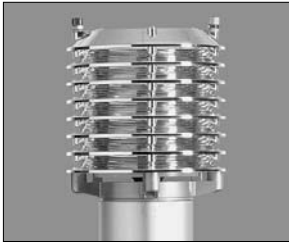
In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.com/usa are the most recent versions and supersede all other printed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

Saturn Bollard

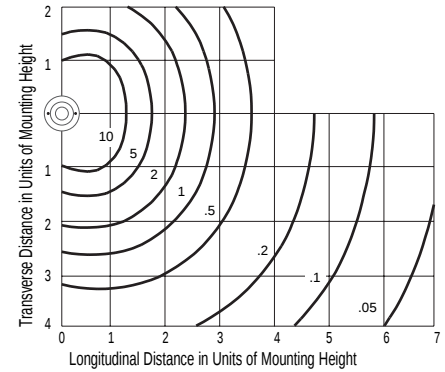
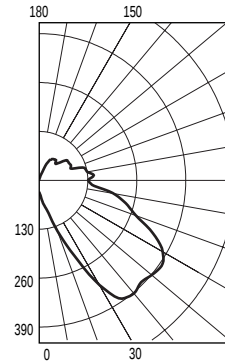
se'lux®

Silver Louver

Catalog # SAB-SP-3-H70
Report # SX 8040

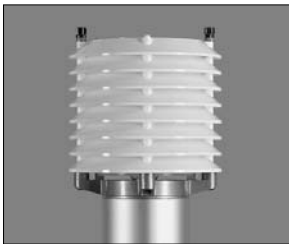


- Mirror finish with prismatic underside shields light source and controls glare.
- Resulting dark light effect offers superior visual comfort.
- Maximum candela of 400.0 at 55° from vertical.
- IES classification, Type V Semi-cutoff.

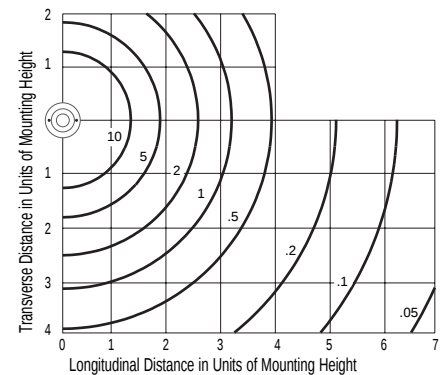
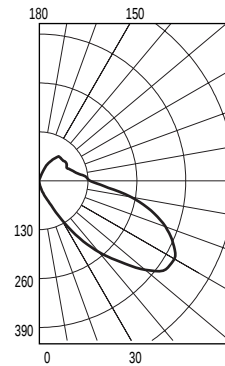


White Louver

Catalog # SAB-WP-3-H70
Report # SX 9314



- A se'lux variation of a classic louver design.
- Combines brightness control with a subtle luminance around the source.
- Maximum candela of 416.0 at 60° from vertical.
- IES classification, Type V Semi-cutoff.

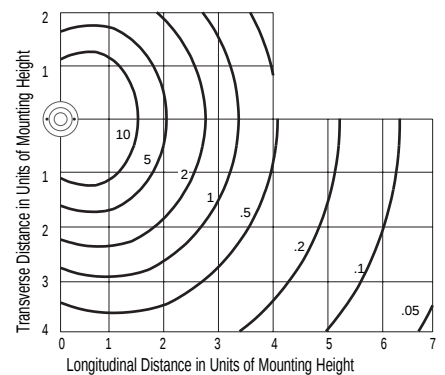
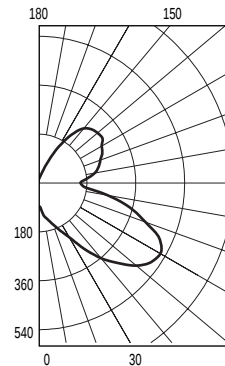


MTR 150 Refractor

Catalog # SAB-MR-3-H70
Report # SX 8041



- 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 528.0 at 60° from vertical.
- IES classification, Type V Semi-cutoff.

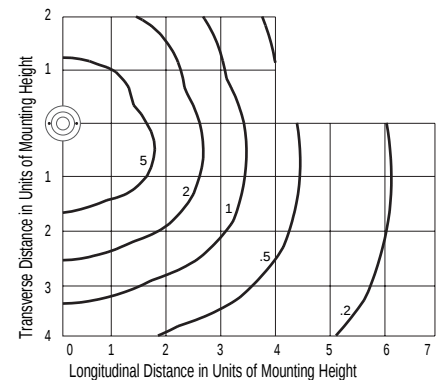
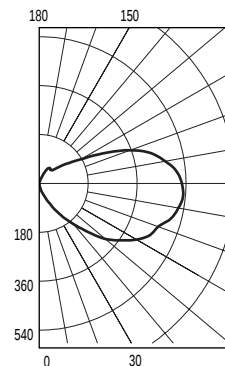


B3 Refractor

Catalog # SAB-B3-3-H70
Report # SX 9315



- High efficiency, molded borosilicate refractor system.
- Ideal for applications demanding maximum spacing
- Maximum candela distribution of 538.0 at 85.0° from vertical
- IES classification, Type III Non-cutoff.



Lamp Prorate Table

High Pressure Sodium			Metal Halide			Fluorescent		
Wattage	Factor	Initial Lumens	Wattage	Factor	Initial Lumens	Wattage	Factor	Initial Lumens
50	0.74	3700	50	0.68	3400	32	0.48	2400
70	1.16	5800	70	1.00	5000	42	0.64	3200

Conversion Chart

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

Mounting Height	Multiply
2.0' (.6m)	1.50
2.5' (.8m)	1.20
3.0' (.9m)	1.00
3.5' (1.1m)	0.86
4.0' (1.2m)	0.75

Saturn Bollard

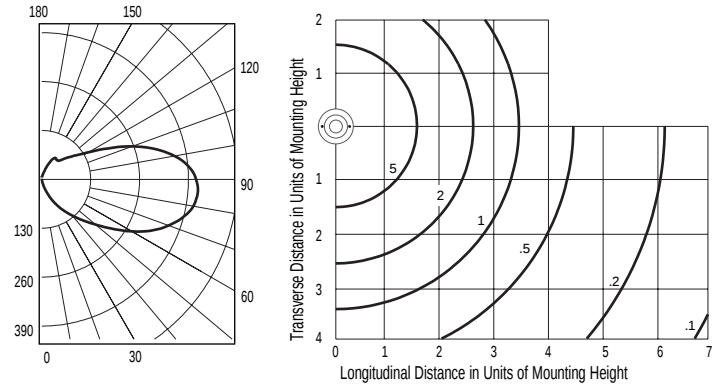
se'lux®

B5 Refractor

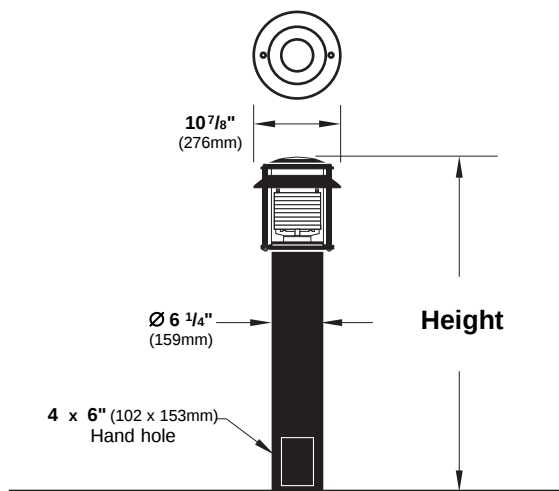
Catalog # SAB-B5-3-H70
Report # SX 9316



- High efficiency, molded borosilicate refractor system.
- Ideal for applications demanding maximum spacing.
- Maximum candela distribution of 448.0 at 85.0° from vertical
- IES classification, Type V Non-cutoff.

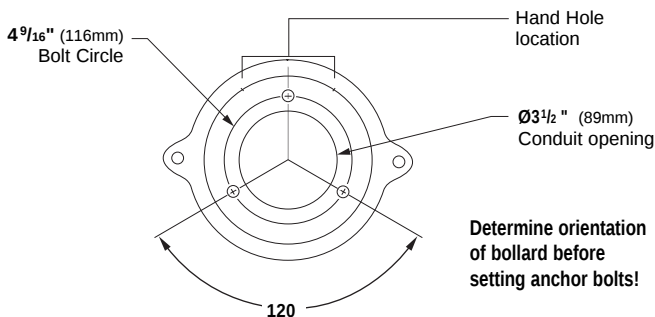


Mounting

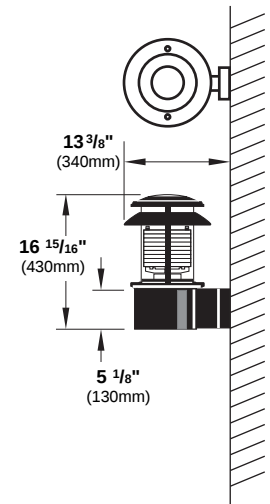


Bolt Circle

Bollard provided with integral, welded base casting with 4 9/16" (116mm) diameter bolt circle. Anchor bolts are accessible via a 5" (127mm) x 6" (152mm) access door with vandal resistant hardware at the base of the extruded aluminum column. Bollard supplied with galvanized steel, 3/8" x 15" (10mm x 381mm) anchor bolts and template.

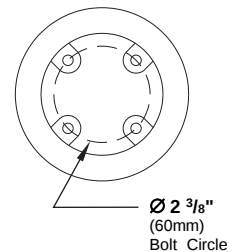


Note: Adequate drainage must be provided in concrete foundation or grout.

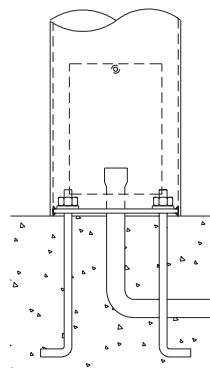


Wall Arm Mounting Detail

(Conduit and mounting hardware by others.)



Suggested anchor bolt projection 1 - 1 1/2" (25 - 38mm). Stub conduit above concrete footing.



Concrete footing to be designed and installed by others.

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

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 supersede all other printed or electronic versions.