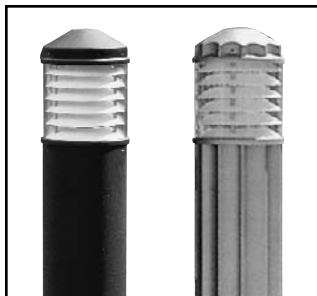


Series 200 Bollards



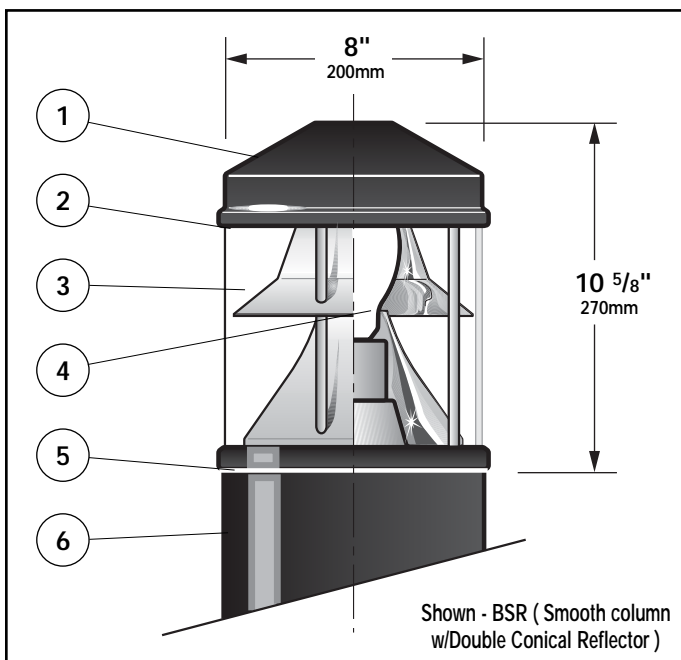
Project: _____
 Type: _____ Qty: _____

_____ - _____ - _____ - _____ - _____
 Fixture Series Height Lamp Type / Wattage Finish Voltage

Fixture Series	Height	Lamp Type / Wattage			Finish	Voltage
BFL Fluted / Louver	2 2' (.6m)	<u>Metal Halide</u>	<u>HPS</u>	<u>Fluorescent</u>	WH White	120
BSL Smooth / Louver	3 3' (.9m)	H050* 50w	S050* 50w	F32** 32w	BK Black	208
BFF Fluted / Fresnel Lens	4 4' (1.2m)	H070 70w	S070 70w	F42** 42w	BZ Bronze	240
BSF Smooth / Fresnel Lens	or specify custom height				SV Silver	277
BFA Fluted / Cast Aluminum Rings					SP Specify RAL#	347
BSA Smooth / Cast Aluminum Rings						
BFR Fluted / Double Conical Reflector						
BSR Smooth / Double Conical Reflector						

* Only available in 120v and 277v

**Not available in 208v or 240v



1. Fixture Cover - Die-cast, aluminum cover, with smooth or fluted 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 all fixture connections.

3. Shielding - Select white louver, fresnel glass lens, cast louver, or double conical reflector.

4. 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 GX24q-3 for 32w and GX24q-4 for 42 compact fluorescent. Lamp provided by others.

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

6. Column - Extruded thick-walled aluminum, minimum wall thickness 0.118" (3mm). Available in a smooth round design with three vertical grooves or in a fluted design. Mounted to cast aluminum base

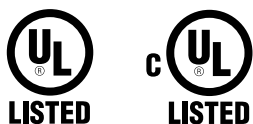
with three, vandal-resistant, stainless steel, countersunk screws.

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.

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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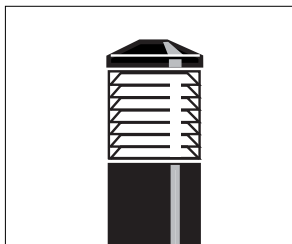
SELUX Corp. © 2003
 PO Box 1060, 5 Lumen Lane
 Highland, NY 12528
 TEL: (845) 691-7723
 FAX: (845) 691-6749
 E-mail: seluxus@selux.com
 Web Site: www.selux.com/usa
 S200-0704-01 (ss-V3.23)

Series 200 Bollards

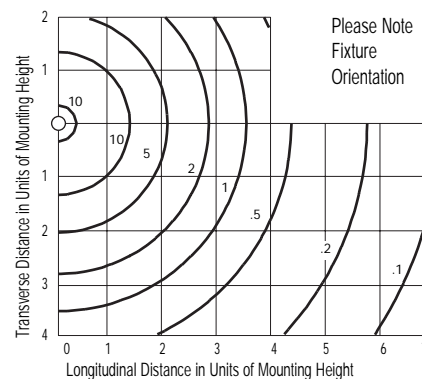
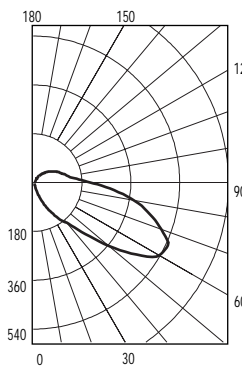


White Louver

Catalog # BFL-3-H70
ITL Report # 40305

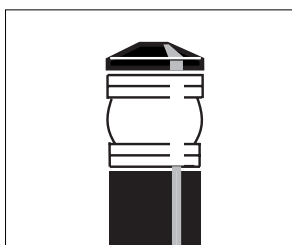


- A Selux variation of a classic louver design.
- Combines brightness control with a subtle luminance around the source.
- Maximum candela of 540.0 at 65° from vertical.

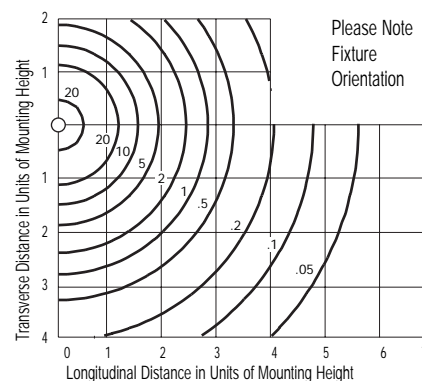
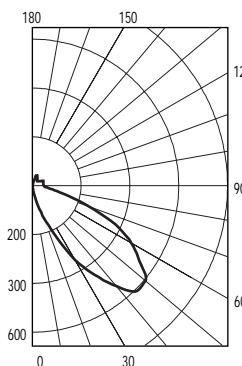


Fresnel Glass Lens

Catalog # BFF-3-H70
ITL Report # 40304

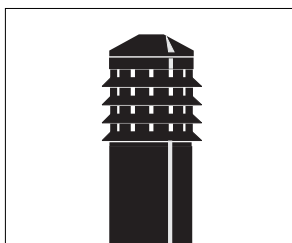


- High quality, thick-walled, cast fresnel lens.
- Optic system utilizes a mirror reflector to shield light source and control glare.
- Maximum candela of 617.0 at 45° from vertical.

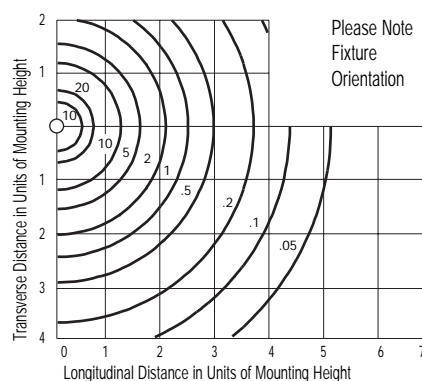
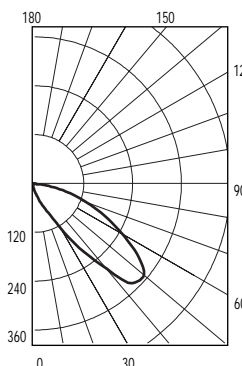


Cast Louver

Catalog # BFA-3-H70
ITL Report # 40303

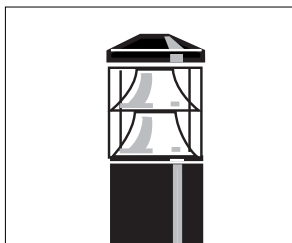


- Die-cast aluminum louver provides superior visual comfort.
- Inner borosilicate glass cylinder houses lamp and provides excellent heat dissipation.
- Maximum candela of 341.0 at 50° from vertical.

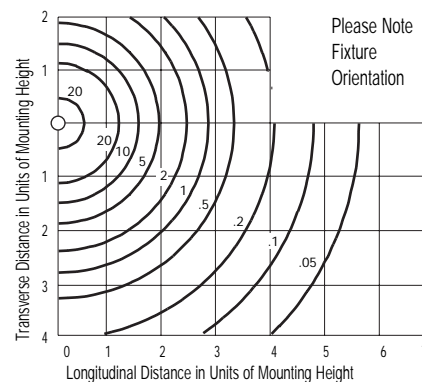
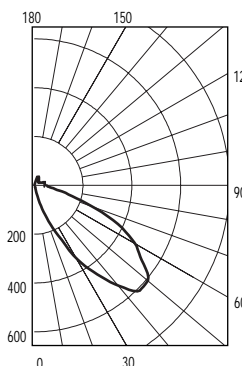


Double Conical Reflector

Catalog # BFR-3-H70
ITL Report # 40306



- Double conical, highly specular aluminum reflector system provides superior glare control and higher efficiency.
- Clear, U.V.-Stabilized polycarbonate.
- Maximum candela distribution of 617.0 at 45.0° from vertical



Lamp Prorate Table

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

Conversion Chart

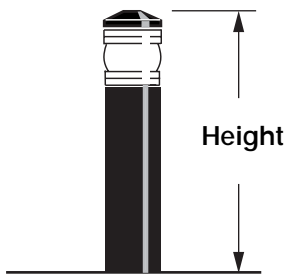
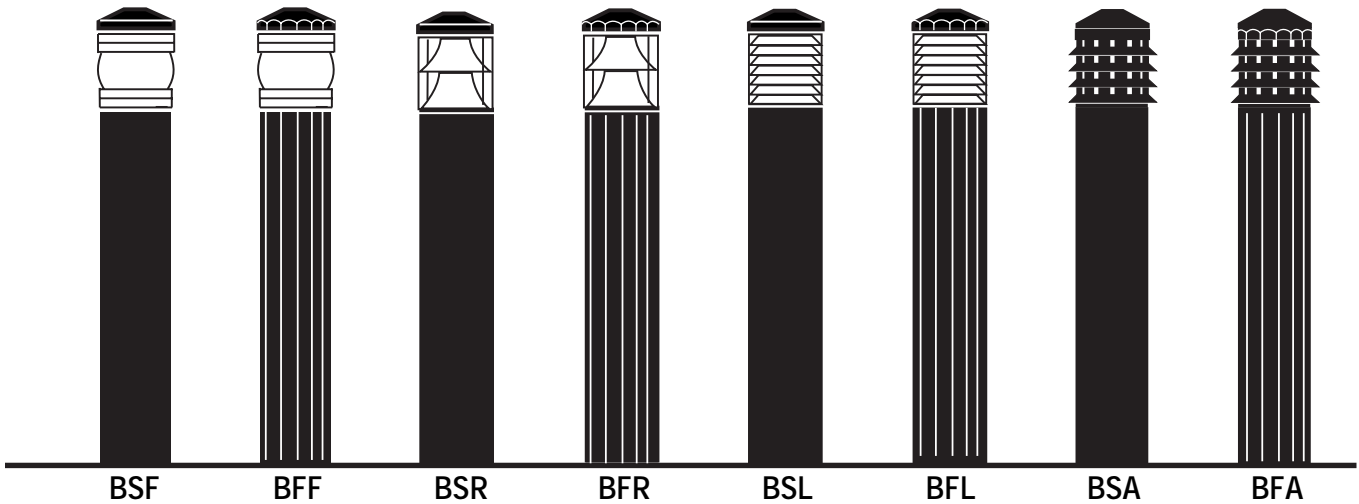
Values based on 3' (.9m) mounting height

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

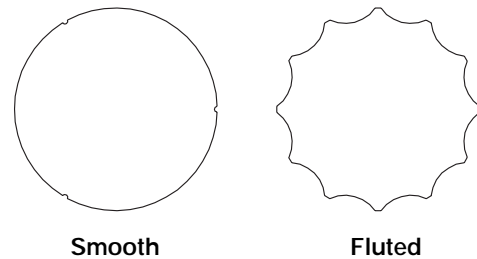
Series 200 Bollards



Profiles



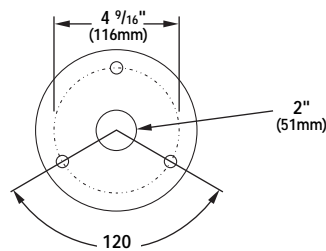
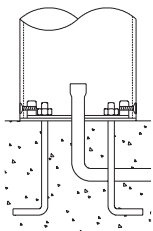
Column Detail



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 = \varnothing 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.

SELUX Corp. © 2003
 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
 S200-0704-03 (6-49006-00)

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.