

Quadro 1

se'lux®

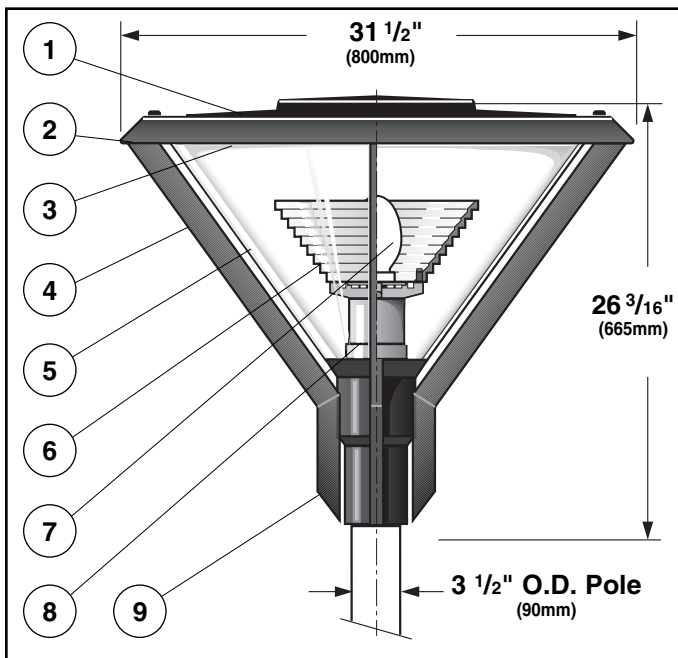


Project: _____

Type: _____ **Qty:** _____

QD1						
Fixture Series	Shielding	Mounting	Lamp Type/Wattage	Finish	Voltage	Option
Pole Series	Height	Finish	Options			

Series	Shielding	Mounting	Lamp Type / Wattage		Finish	Voltage	Options
QD1 Quadro 1	SP Type V Silver Louver	1 Single	Metal Halide	HPS	WH White	120	HS House Side Shield (180) Consult factory for details
	WP Type V White Louver	2 Double	H050** 50w	S050** 50w	BK Black	208	
	MR Type V MTR* 150 Refractor	W Wall Mount	H070 70w	S070 70w	BZ Bronze	240	
	M3 Type IV MTR* 180 Refractor		H100 100w	S100 100w	SV Silver	277	
	M5 Type V MTR* 180 Refractor		H150*** 150w	S150*** 150w	SP Specify RAL#	347	
	MC Type V MTR* Cone Refractor		H175*** 175w				
	B3 Type III Borosilicate Glass Refractor						
	B5 Type V Borosilicate Glass Refractor						
* US Patent No. 4,669,034			** Only available in 120v and 277v		*** Not available with MR		



1. Fixture Cover - Formed aluminum cover with white painted interior for maximum reflectivity. Removes by loosening four stainless steel, captive set screws for easy access to lamp chamber.

2. Gasketing - Continuous molded neoprene gasket provides weatherproofing, dust, and insect control for all fixture connections.

3. Frame Ring - Formed aluminum ring with fixture cover screw retaining hardware. Ring attaches to fixture frame arms.

4. Fixture Frame - Four cast aluminum arms attach to pole fitter with stainless steel allen head screws.

5. Globe - Vacuum-formed, one piece clear U.V. stabilized polycarbonate.

6. Shielding - Select Type V silver louver, Type V white louver, Type V MTR 150 refractor, Type IV or Type V MTR 180 refractor, Type III MTR cone refractor, or Type III or Type V borosilicate glass refractor.

7. Lamp - One coated, base down, medium base ED-17 metal halide up to 175w or high pressure sodium up to 150w. Lamp provided by others.

8. Electroblock - Extruded aluminum tubing houses core and coil ballast. Pulse rated porcelain, medium base socket is

mounted to die-cast aluminum socket cup for maximum heat dissipation and is pre-wired to ballast. Socket cup attaches to electroblock with two stainless steel screws and is easily removable for ballast service. Consult factory for more detailed ballast information.

9. Pole Fitter - Self-leveling, die-cast aluminum, fitter base secured to pole with two, stainless steel, Allen head set screws. 3 1/2" (90mm) I.D. external fitter for 3 1/2" (90mm) O.D. poles.

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 supersede all other printed or electronic versions.



**Union Made
Affiliated with
IBEW Local 363**

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QD1-0206-01 (ss-V3.31)

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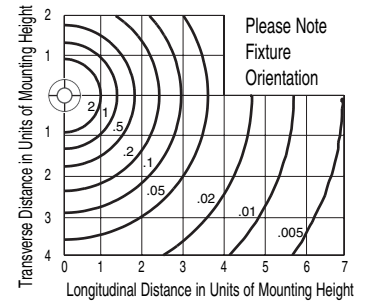
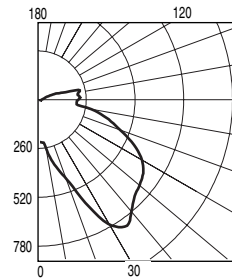
se'lux®

Silver Louver

Catalog # QD1-SP-1-H100
Report # SX 9310

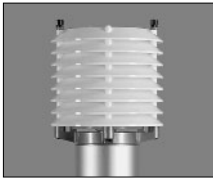


- Mirror finish with prismatic underside shields light source and controls glare.
- Resulting dark light effect offers superior visual comfort.
- Maximum candela of 788.0 at 35° from vertical.
- IES classification, Type V Cutoff.

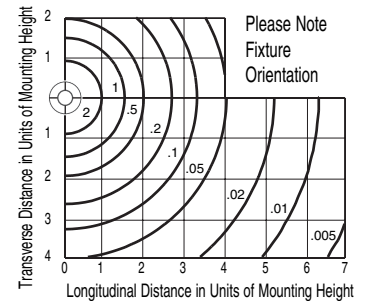
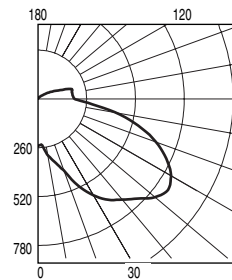


White Louver

Catalog # QD1-WP-1-H100
Report # SX 9311



- A se'lux variation of a classic louver design.
- Combines brightness control with a subtle luminance around the source.
- Maximum candela of 837.0 at 55° from vertical.
- IES classification, Type V Cutoff.

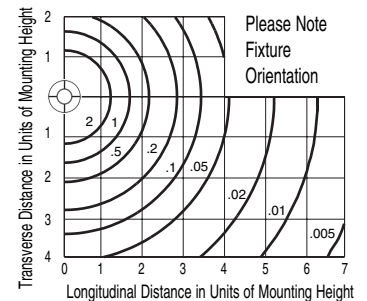
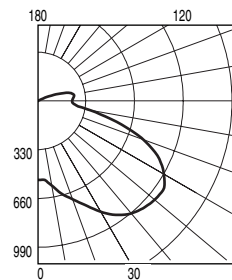


MTR 150 Refractor

Catalog # QD1-MR-1-H100
Report # SX 7957

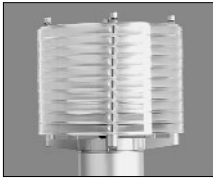


- Innovative multi-prisms for total reflection incorporates light-bending characteristics of a prism. US patent no. 4,669,034.
- Directs light precisely with minimum intensity at critical viewing angles.
- Maximum candela of 1054.0 at 55° from vertical.
- IES classification, Type V Semi-cutoff.

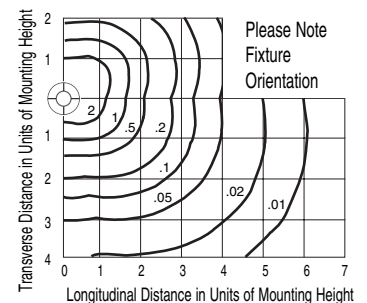
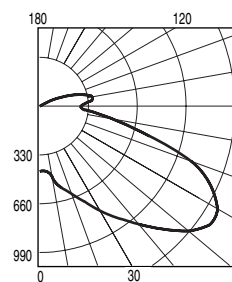


MTR 180 Refractor

Catalog # QD1-M3-1-H100
For M5 expect results similar to MTR 150
Report # SX 7963



- 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.
- Maximum candela of 1388.7 at 55° from vertical.
- IES classification, Type IV Semi-cutoff.

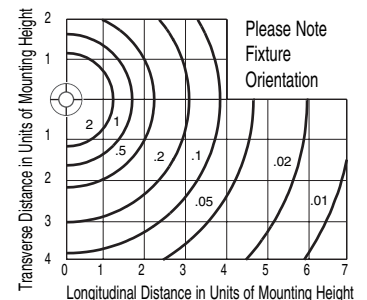
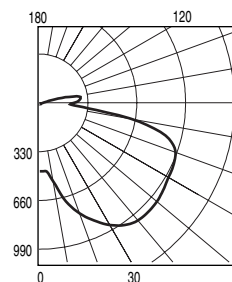


MTR Cone Refractor

Catalog # QD1-MC-1-H100
Report # SX 7959

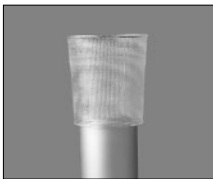


- MTR optical technology in an inverted, open cone form.
- Precisely directs light with minimum intensity at critical viewing angles.
- Maximum candela distribution of 1044.0 at 45° from vertical.
- IES classification, Type V Semi-cutoff.

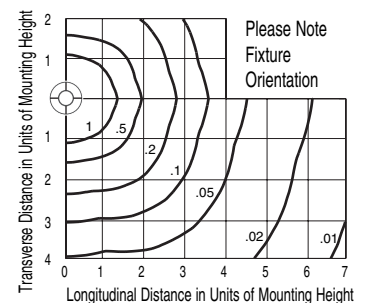
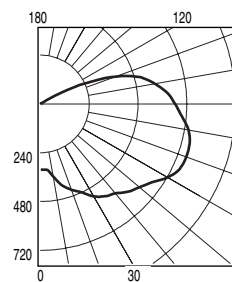


B3 Refractor

Catalog # QD1-B3-1-H100
Report # SX 9312



- High efficiency, molded borosilicate refractor system.
- Accommodates HID lamp types up to 175W
- Ideal for applications demanding maximum spacing.
- Maximum candela distribution of 737.0 at 70° from vertical.
- IES classification, Type III Non-cutoff.



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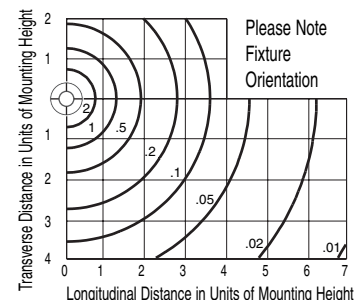
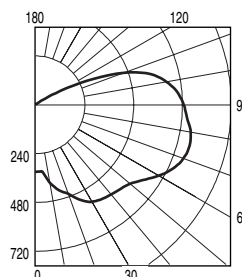
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B5 Refractor

Catalog # QD1-B5-1-H100
Report # SX 9313



- High efficiency, molded borosilicate refractor system.
- Accommodates HID lamp types up to 175W
- Ideal for applications demanding maximum spacing..
- Maximum candela distribution of 748.0 at 75° from vertical.
- IES classification, Type V Non-cutoff.



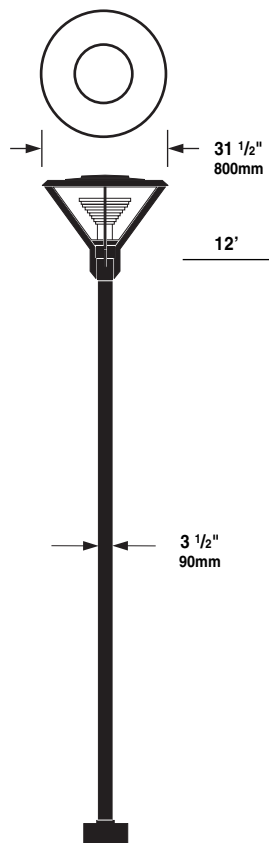
HID Lamp Prorate Table (ED-17 Coated, Base-Down Lamp)					
High Pressure Sodium			Metal Halide		
Wattage	Factor	Initial Lumens	Wattage	Factor	Initial Lumens
50	0.47	3700	50	0.44	3400
70	0.74	5800	70	0.64	5000
100	1.13	8800	100	1.00	7800
150	1.86	14500	150	1.60	12500
			175	1.79	14000

Conversion Chart	
Values based on 12' mounting height.	
Mounting Height	Multiply
10'	1.44
12'	1.00
14'	0.73
16'	0.56
18'	0.44

Mounting

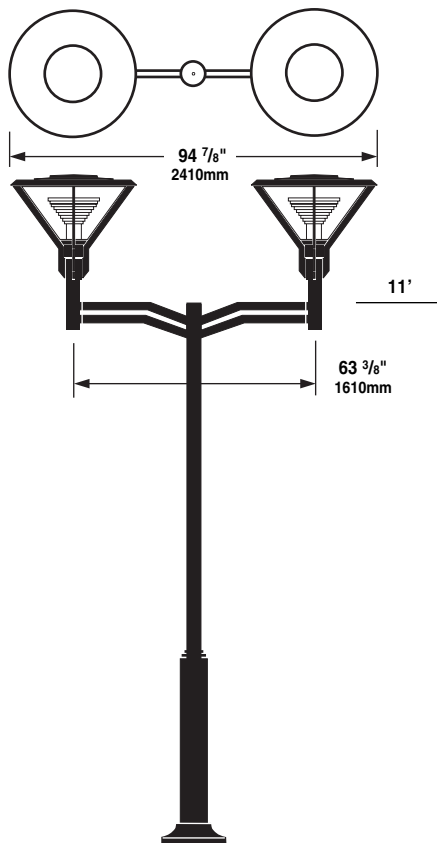
Single

Die-cast aluminum fitter base secured to pole with two stainless steel, Allen head set screws.



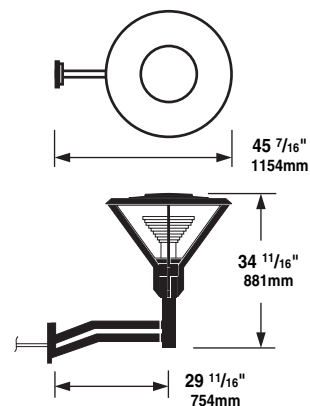
Double

Double luminaire mounting arm secured to pole with four stainless steel, Allen head set screws. Outer slip fitter for 3 1/2" tenon.



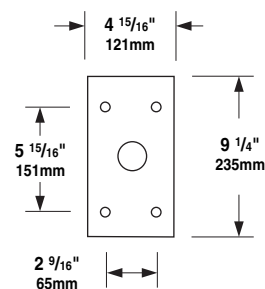
Wall

Double wall mount arm secured to wall with 1/4" diameter threaded fasteners (by others).



Wall Arm Mounting Detail

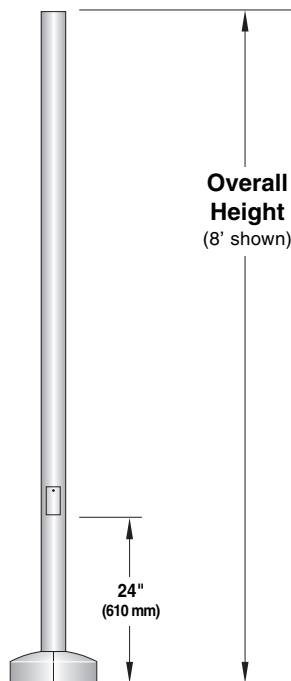
(Conduit and mounting hardware by others.)



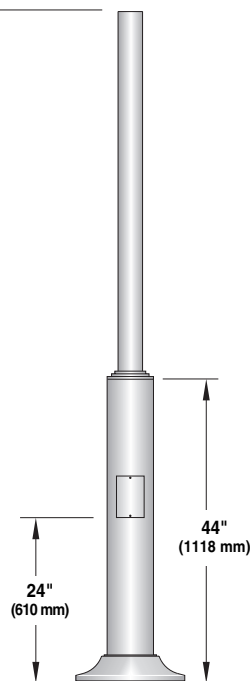
Pole Information

Refer to A35, S635, or S35 Pole specification sheets for construction details, anchorage information and additional options.

A35 & S35
Round Straight Aluminum
& Round Straight Steel Poles



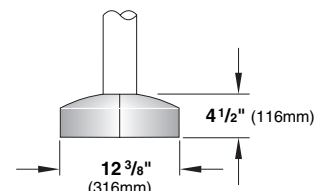
S635
Round Stepped
Steel Pole



Shown with standard base covers.

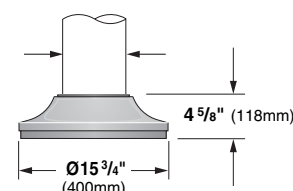
Straight Poles (A35 & S35)
BC5 Standard Base Cover

Two-piece cast aluminum



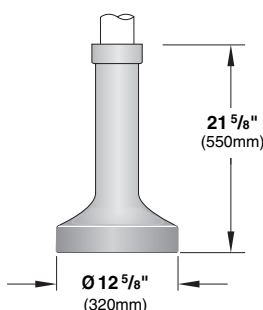
Stepped Steel Pole (S635)
BC6 Standard Base Cover

One-piece cast aluminum



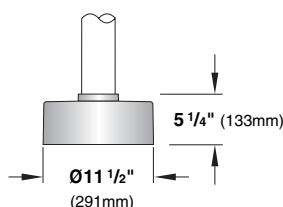
BC1 Optional Base Cover
(A35 & S35)

One-piece cast aluminum



BC4 Optional Base Cover
(A35 & S35)

One-piece cast aluminum



Pole Series	Bolt Circle	EPA Information (ft ²)					Height	Finish	Options
		70 mph	80 mph	90 mph	100 mph	110 mph			
S635 3 1/2" Diameter Stepped Steel Pole	9"	57.6	44.3	34.6	27.5	22.8	8 8 ft.	WH White	BC1 Decorative Cast Aluminum Base Cover (for A35 & S35 poles only)
A35 3 1/2" Diameter Straight Aluminum Pole	7 3/4"	16.1	12.2	9.4	7.3	5.9		BK Black	
S35 3 1/2" Diameter Straight Steel Pole	7 3/4"	14.8	11.3	8.6	6.7	5.4			
S635 3 1/2" Diameter Stepped Steel Pole	9"	45.6	35.0	27.3	21.6	17.8	10 10 ft.	BZ Bronze	BC4 One-piece Cast Aluminum Base Cover (for A35 & S35 poles only)
A35 3 1/2" Diameter Straight Aluminum Pole	7 3/4"	12.4	9.3	7.1	5.4	4.3		SV Silver	
S35 3 1/2" Diameter Straight Steel Pole	7 3/4"	11.4	8.6	6.5	4.9	3.9			
S635 3 1/2" Diameter Stepped Steel Pole	9"	37.6	28.7	22.3	17.5	14.4	12 12 ft.	SP Specify RAL#	REC GFCI Receptacle with weather-proof cover*
A35 3 1/2" Diameter Straight Aluminum Pole	7 3/4"	9.9	7.3	5.4	4.0	3.1			
S35 3 1/2" Diameter Straight Steel Pole	7 3/4"	9.1	6.7	4.9	3.6	2.8			
S635 3 1/2" Diameter Stepped Steel Pole	9"	31.7	24.2	18.6	14.6	11.9	14 14 ft.		PCT Photocell Tenon
A35 3 1/2" Diameter Straight Aluminum Pole	7 3/4"	8.0	5.8	4.2	3.0	2.2			
S35 3 1/2" Diameter Straight Steel Pole	7 3/4"	7.3	5.3	3.8	2.7	1.9			
S635 3 1/2" Diameter Stepped Steel Pole	9"	21.7	15.8	12.3	9.6	7.6	16 16 ft.		* Weatherproof cover intended for portable tools or other portable equipment connected to the outlet only when attended. For other requirements please consult factory.
A35 3 1/2" Diameter Straight Aluminum Pole	7 3/4"	4.9	3.2	2.2	1.4	.08			
S35 3 1/2" Diameter Straight Steel Pole	7 3/4"	4.4	2.8	1.9	1.2	0.6			

Other pole configurations available, consult factory.

EPA Calculations allow for 1.3 Gust Factor

Effective Projected Area of Single Luminaire = 1.94 ft² (0.18m²) / Weight of Luminaire = 36.3 lbs (16.5kg)

Effective Projected Area of Double Luminaire = 6.26 ft² (0.58m²) / Weight of Double Luminaire (includes arms) = 116.6 lbs (52.9kg)

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