

Quadro H2



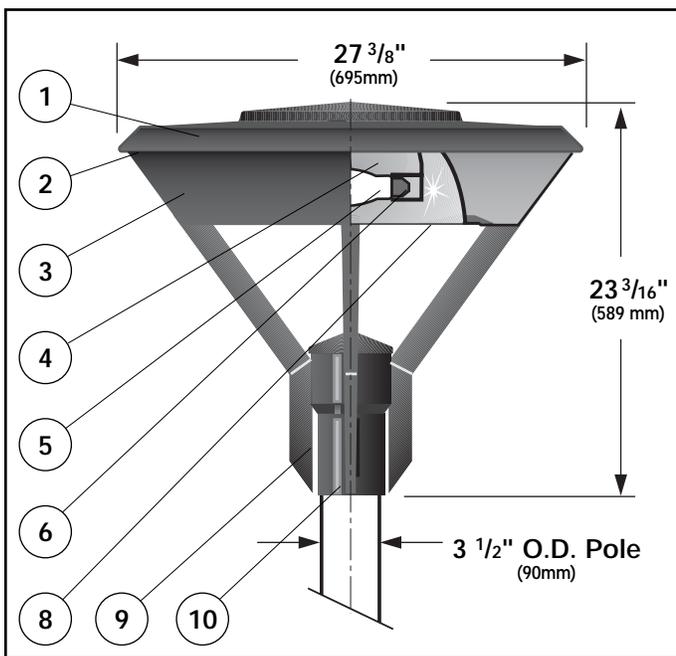
Project: _____

Type: _____ Qty: _____

QH2	-	-	-	-	-
Fixture Series	Reflector	Mounting	Lamp Type / Wattage	Finish	Voltage
-	-	-	-	-	-
Pole Series	Height	Finish	Options		

Series	Reflector	Mounting	Lamp Type / Wattage	Finish	Voltage	
QH2 Quadro H2	R2 Type II Aluminum reflector R5 Type V Aluminum reflector	1 Single 2 Double W Wall Mount	<u>Metal Halide</u>	WH White BK Black BZ Bronze SV Silver SP Specify RAL#	120 208 240 277 347	
			H050* 50w			<u>HPS</u>
			H070 70w			S050* 50w
			H100 100w			S070 70w
			H150 150w			S100 100w
H175 175w	S150 150w					

* Only available in 120v and 277v



1. Fixture Cover - Formed aluminum cover hinges open for easy access to lamp and ballast chambers.

2. Gasketing - Continuous molded gasket provides weather-proofing, dust and insect control at all fixture connections.

3. Housing - Formed aluminum, houses reflector, socket, and high power factor core and coil ballast.

4. Reflector - Precision formed, aluminum reflector with a Type II or Type V distribution.

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

6. Socket - Pulse rated porcelain medium base socket for lamps up to 175w. Socket is pre-wired to ballast at factory.

7. Ballast - (Not shown) A high power factor, open core and coil ballast regulates voltage for H.I.D. lamp. Consult factory for detailed ballast information.

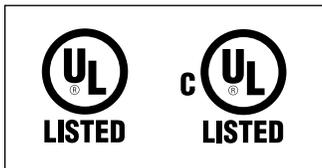
8. Lens - Tempered glass lens with continuous silicone gasket to fixture housing.

9. Fixture Frame - Four cast aluminum arms attach to pole fitter with recessed stainless steel Allen head screws

10. Pole Fitter - Cast aluminum fitter secures 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. pole.

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#.

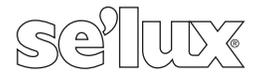


**Union Made
Affiliated with
IBEW Local 363**

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QH2-0704-01 (ss-V2.31)

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.

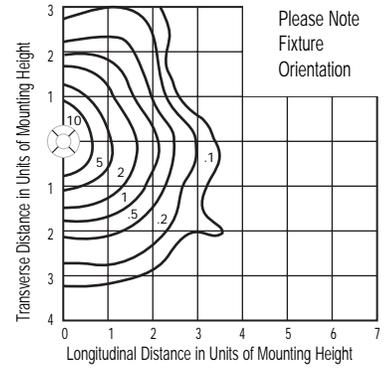
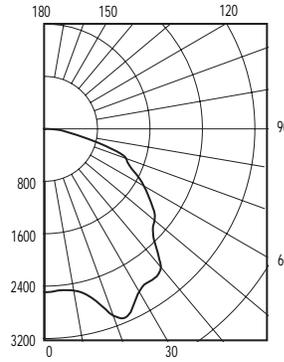
Quadro H2



Type II Reflector

Catalog # QH2-R2-1-H175
Report # LSI 13535

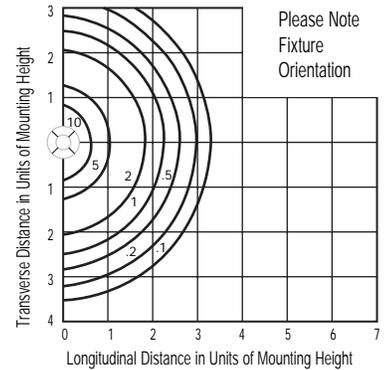
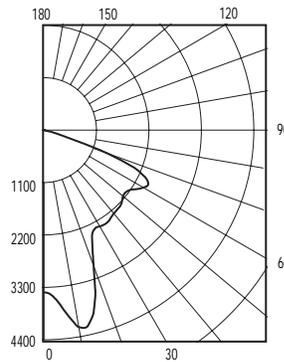
- Precision formed aluminum reflector with specular kick reflectors to precisely control distribution.
- Ideal for applications demanding maximum spacing.
- Maximum candela of 3149.0 at 22.5° from vertical.
- IES classification - Type II Full Cutoff



Type V Reflector

Catalog # QH2-R5-1-H175
Report # LSI 13593

- Precision formed aluminum reflector
- Ideal for applications demanding a uniform symmetric light distribution.
- Maximum candela of 4264.0 at 12.5° from vertical.
- IES classification - Type V Full Cutoff



HID Lamp Prorate Table (ED-17 Clear, Medium-Base Lamp)					
High Pressure Sodium			Metal Halide		
Wattage	Factor	Initial Lumens	Wattage	Factor	Initial Lumens
50	0.26	3700	50	0.24	3400
70	0.41	5800	70	0.36	5000
100	0.63	8800	100	0.56	7800
150	1.04	14500	150	0.89	12500
			175	1.00	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

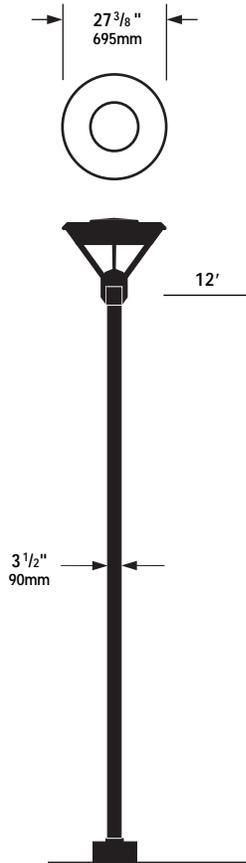
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QH2-0704-02

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Mounting

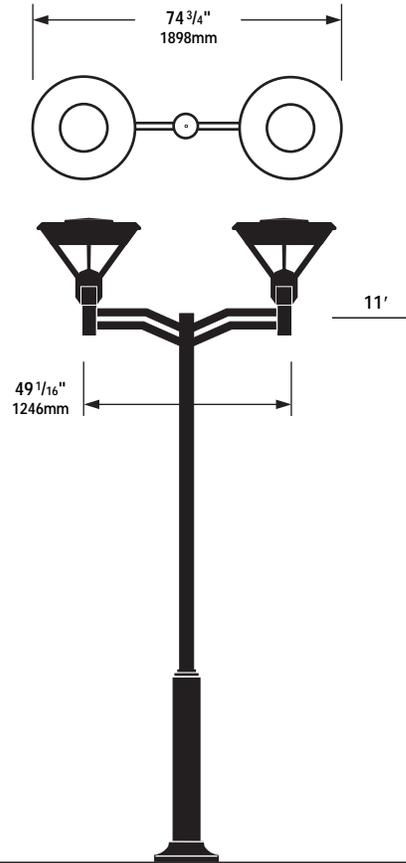
Single

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



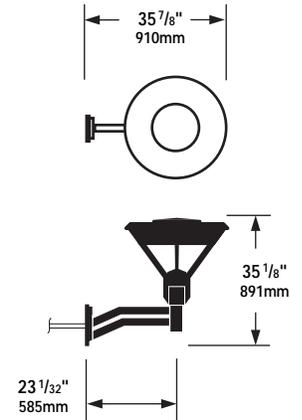
Double

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



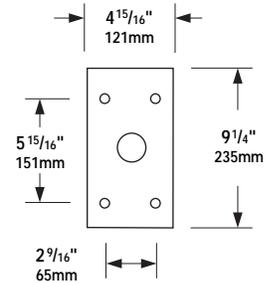
Wall

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.)



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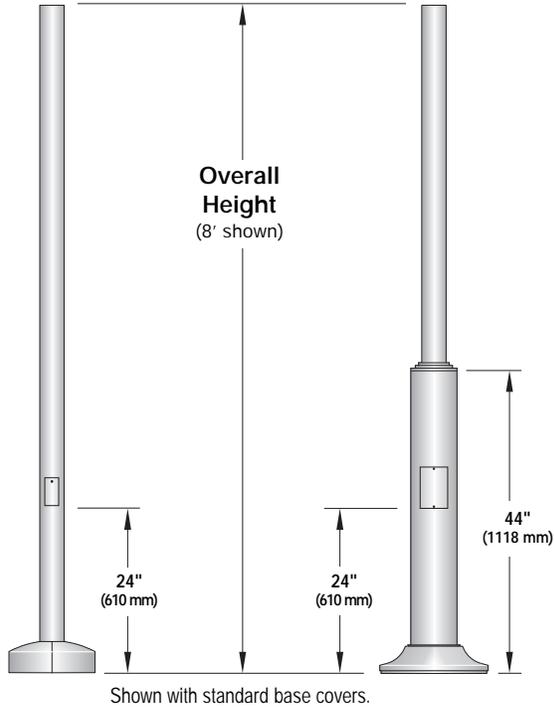


Pole Information

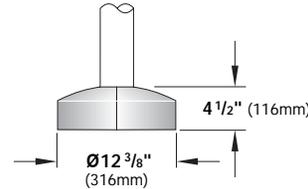
Refer to A35, S635, or S35 Pole specification sheets for construction details, anchorage information and additional options.

A35 & S35
Round Straight Aluminum
& Round Straight Steel Poles

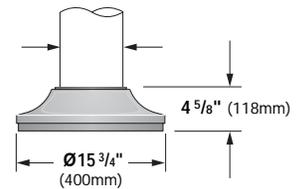
S635
Round Stepped
Steel Pole



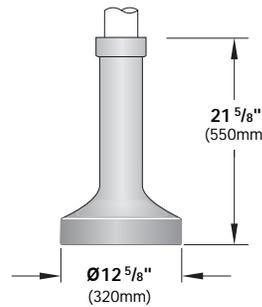
Straight Poles (A35 & S35)
BC5 Standard Base Cover
Two-piece cast aluminum



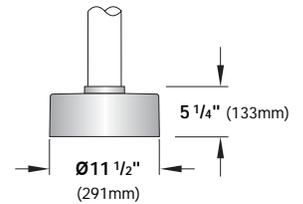
Stepped Steel Pole (S635)
BC6 Standard Base Cover
One-piece cast aluminum



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 BK Black	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			
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 SV Silver	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			
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.		
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 = 1.51 ft² (0.14m²) / Weight of Luminaire = 42.2 lbs (19.1kg)

Effective Projected Area of Double Luminaire = 4.94 ft² (0.46m²) / Weight of Luminaire = 108.4 lbs (49.2kg)

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