

Quadro H0

se'lux®

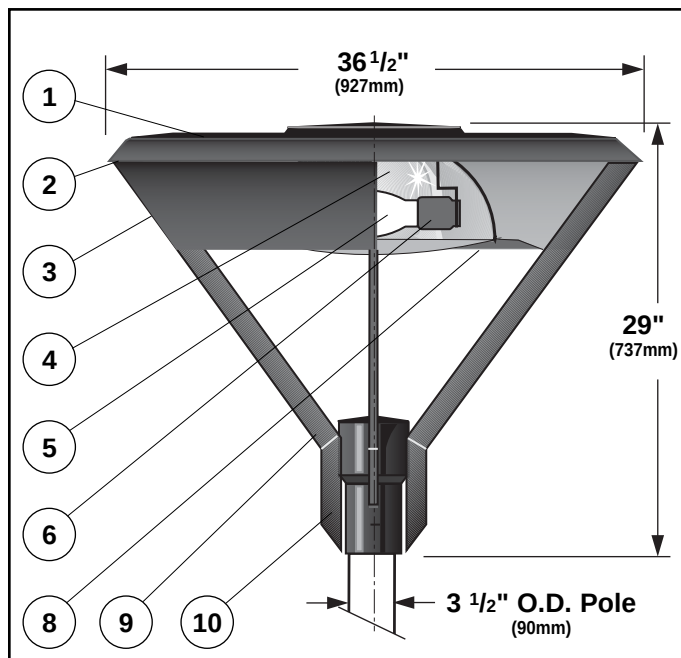


Project: _____

Type: _____ **Qty:** _____

QH0	—	1	—	—	—
Fixture Series	Reflector	Mounting	Lamp Type / Wattage	Finish	Voltage
—	—	—	—	—	—
Pole Series	Height	Finish	Options		

Series	Reflector	Mounting	Lamp Type / Wattage		Finish	Voltage
QH0 Quadro H0	R2 Type II Aluminum reflector	1 Single	Metal Halide	HPS	WH White	120
	R5 Type V Aluminum reflector		H100 100w	S100 100w	BK Black	208
			H150 150w	S150 150w	BZ Bronze	240
			H175 175w	S200 200w	SV Silver	277
			H250 250w	S250 250w	SP Specify	347
			H400 400w	S400 400w	RAL#	



1. Fixture Cover - Formed aluminum cover removes by loosening four stainless steel screws for easy access to ballast chamber.

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 on tool-less exchangeable ballast tray.

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

5. Lamp - Choose between one clear, medium base ED-17 metal halide up to 175w or high pressure sodium up to 150w; one clear, mogul base ED-28 250w metal halide; one clear, mogul base ED-18 high pressure sodium 200w to 400w; or one horizontal mogul base ED-28 400w metal halide. Lamp provided by others.

6. Socket - Pulse rated porcelain medium base socket for lamps up to 175w or mogul base for 250w and 400w lamps. 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. Access Door - Formed aluminum door, with molded tempered glass lens, opens for easy relamping.

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

10. Pole Fitter - Self-leveling, die-cast aluminum, fitter base secured to pole with two, stainless steel, Allen head set screws. 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). Custom RAL colors are available upon request. Please provide RAL#.



*Union Made
Affiliated with
IBEW Local 363*

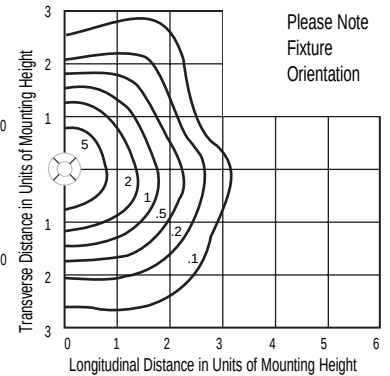
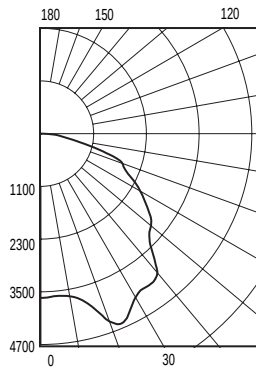
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QH0-0704-01 (ss-V3.31)

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 supersede all other printed or electronic versions.

R2 Reflector

Catalog # QHO-R2-1-H250
Report # LSI 13535

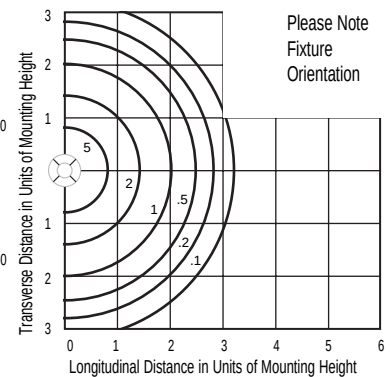
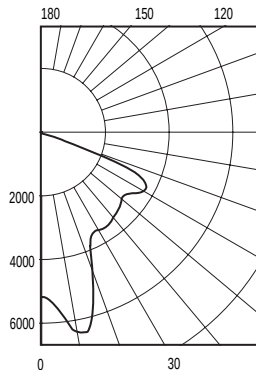
- Precision formed aluminum reflector with specular kick reflectors to precisely control distribution.
- Ideal for applications demanding maximum spacing.
- Maximum candela of 4611 at 22.5° from vertical.
- IES classification - Type II Full Cutoff.



R5 Reflector

Catalog #QHO-R5-1-H250
Report # LSI 13593

- Precision formed aluminum reflector with vertical, base up lamp.
- Ideal for applications demanding a uniform symmetric light distribution.
- Maximum candela of 6244 at 12.5° from vertical.
- IES classification - Type V Full Cutoff.



HID Lamp Prorate Table

High Pressure Sodium			Metal Halide		
Wattage	Factor	Initial Lumens	Wattage	Factor	Initial Lumens
100	0.43	8800	100	0.38	7800
150	0.71	14500	150	0.61	12500
200	1.07	22000	175	0.68	14000
250	1.39	28500	250	1.00	20500
400	2.44	50000	400	1.75	36000

Conversion Chart

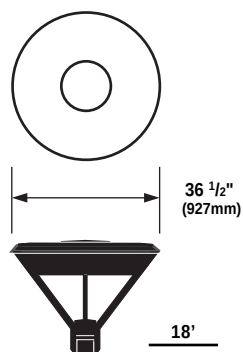
Values based on 18' mounting height.

Mounting Height	Multiply
10'	3.24
12'	2.25
14'	1.65
16'	1.26
18'	1.00
20'	0.81
25'	0.52

Mounting

Single

Die-cast aluminum fitter base secured to pole with two, stainless steel, Allen head set screws. (Consult factory for clusters.)



Scale = 1/4" ~ 1'

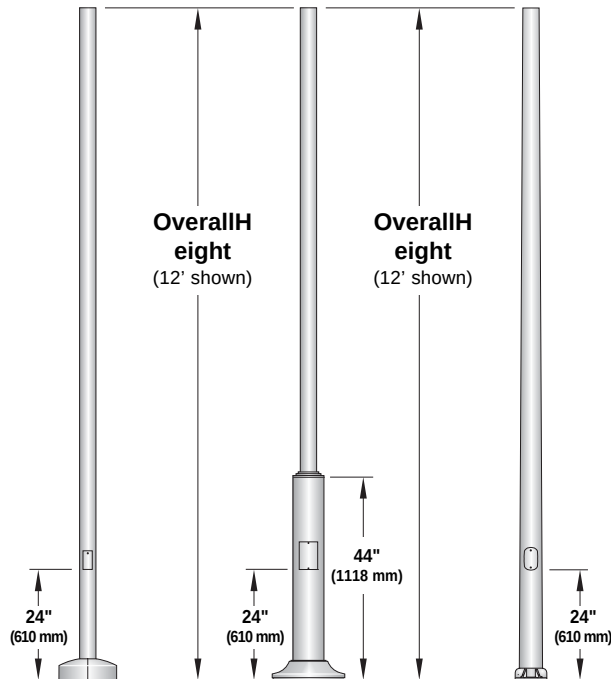
Pole Information

Refer to A35, S635, S35, or AT535-AT635 Pole specification sheets for construction details, anchorage information and additional options.

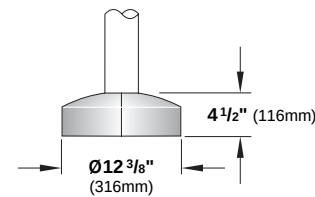
A35 & S35
Round Straight Aluminum
& Round Straight Steel Poles

S635
Round Stepped
Steel Pole

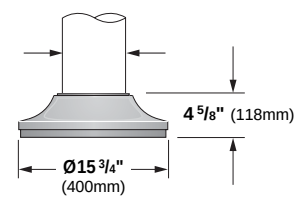
AT535 / AT635
Tapered Aluminum
Poles



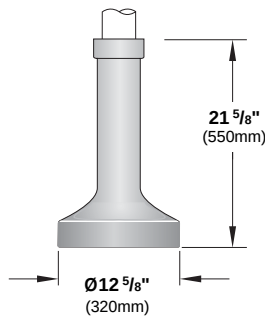
Straight Poles (A35 & S35)
BC5 Standard Base Cover
Two-piece cast aluminum



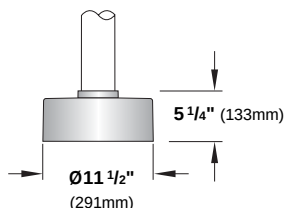
Stepped Steel Pole (S635)
BC6 Standard Base Cover
One-piece cast aluminum



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"	31.7	24.2	18.6	14.6	11.9	14 14 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"	8.0	5.8	4.2	3.0	2.2		BK Black	
S35 3 1/2" Diameter Straight Steel Pole	7 3/4"	7.3	5.3	3.8	2.7	1.9		BZ Bronze	
AT535 5" to 3 1/2" Tapered Aluminum Pole	8 1/2"	12.9	9.4	7.1	5.5	4.4	16 16 ft.	SV Silver	BC4 One-piece Cast Aluminum Base Cover (for A35 & S35 poles only)
S635 3 1/2" Diameter Stepped Steel Pole	9"	21.7	15.8	12.3	9.6	7.6		SP Specify RAL#	
S35 3 1/2" Diameter Straight Steel Pole	7 3/4"	4.4	2.8	1.9	1.2	0.6			
AT535 5" to 3 1/2" Tapered Aluminum Pole	8 1/2"	10.7	7.7	5.6	4.2	3.3	18 18 ft.		REC GFCI Receptacle with weather-proof cover*
AT535 5" to 3 1/2" Tapered Aluminum Pole	8 1/2"	11.1	7.8	5.6	4.2	3.2			
AT535 5" to 3 1/2" Tapered Aluminum Pole	8 1/2"	9.4	6.4	4.5	3.2	2.4			
AT635 6" to 3 1/2" Tapered Aluminum Pole	9 3/4"	10.4	7.0	4.8	3.4	2.6	25 25 ft.		PCT Photocell Tenon
* Weatherproof cover intended for portable tools or other portable equipment connected to the outlet only when attended. For other requirements please consult factory.									

Other pole configurations available, consult factory.

EPA Calculations allow for 1.3 Gust Factor

Effective Projected Area of Single Luminaire = 1.91 ft² (0.18m²) / Weight of Luminaire = 40.0 lbs (18.2kg)