

SILL® PR022 Projector Floodlights

se'lux®



Project: _____

Type: _____ **Qty:** _____

PR022	—	—	—	—	—	—	—	—	—	—
Fixture Series	Beam Pattern	Lamp Type/Wattage	Lamp Color	Mounting	Finish	Voltage	Lens Accessories	Option		
—	—	—	—	—	—	—	—	—	—	—
Option	Option									

Series	Beam Pattern	Lamp Type / Wattage	Lamp Color	Mounting	Finish	Voltage	Lens Accessories
PR022 SILL Projector Floodlight 022	SN Narrow Spot	<u>Metal Halide</u> H175ED 175W Mogul Base	642 4200 K C738 3800 K (coated lamp) NOL Lamp not included	S Stake Mount	WH White	120	FG Flush Glass
	SM Medium Spot			W Wall Mount	BK Black	277	LR Colored Red
	FN Narrow Flood			B Bracket Mount (for side bracket mounting to Ø 5" to Ø 10" poles)	BZ Bronze	347	LG Colored Green
	FM Medium Flood	H250 250W BT28 Mogul Base	C738 3800 K (coated lamp) NOL Lamp not included	O Outtrigger Mount	SV Silver		LB Colored Blue
	HN Horizontal Narrow	H250ET 250W ET18 Mogul Base	640 4000 K NOL Lamp not included	1 Single Pole Top	SP Specify RAL #		LY Colored Yellow
	HM Horizontal Medium	H400 400W BT37 Mogul Base	C737 3700 K (coated lamp) NOL Lamp not included	2 Double Pole Top			RL Ring Louver Internal
	VN Vertical Narrow	H400ET 400W ET18 Mogul Base	640 4000 K NOL Lamp not included	3 Triple Pole Top			DF Dichroic Filter (consult factory for details)
	VM Vertical Medium	H1000 ¹ 1000W BT37 Mogul Base	638 3800 K NOL Lamp not included	4 Quad Pole Top			
		<u>High Pressure Sodium</u> S150ED 150W Mogul Base S250ET 250W ET18 Mogul Base S400ET 400W ET18 Mogul Base S600 600W Mogul Base S1000 ¹ 1000W Mogul Base S250 250W BT28 E39 Mogul Base S400 400W BT37 E39 Mogul Base	xxx Not Applicable (ranges from 1900 K to 2200 K) NOL Lamp not included	Y Yoke Mount (for remote ballast and halogen lamps only)			
		<u>Quartz Halogen E27</u> Q250M ^{2,3} 250W T4 E11 mini-can Q500M ^{2,3} 500W T4 E11 mini-can	xxx Not Applicable NOL Lamp not included				
Options							
RB Remote Ballast (for "Y" mounting only)							
RLX Ring Louver External							
S18 Snoot 180							
S36 Snoot 360							
WG Wire Guard							
SLR Field Rotatable Spread Lens							

¹always delivered with remote ballast and "Y" mounting ²supplied with "Y" mounting only ³120V only ⁴RLX, S18, S36 & WG cannot be combined, consult factory if so desired.

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TEL: (845) 691-7723
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PR022-1206-ssV1.0 p.1

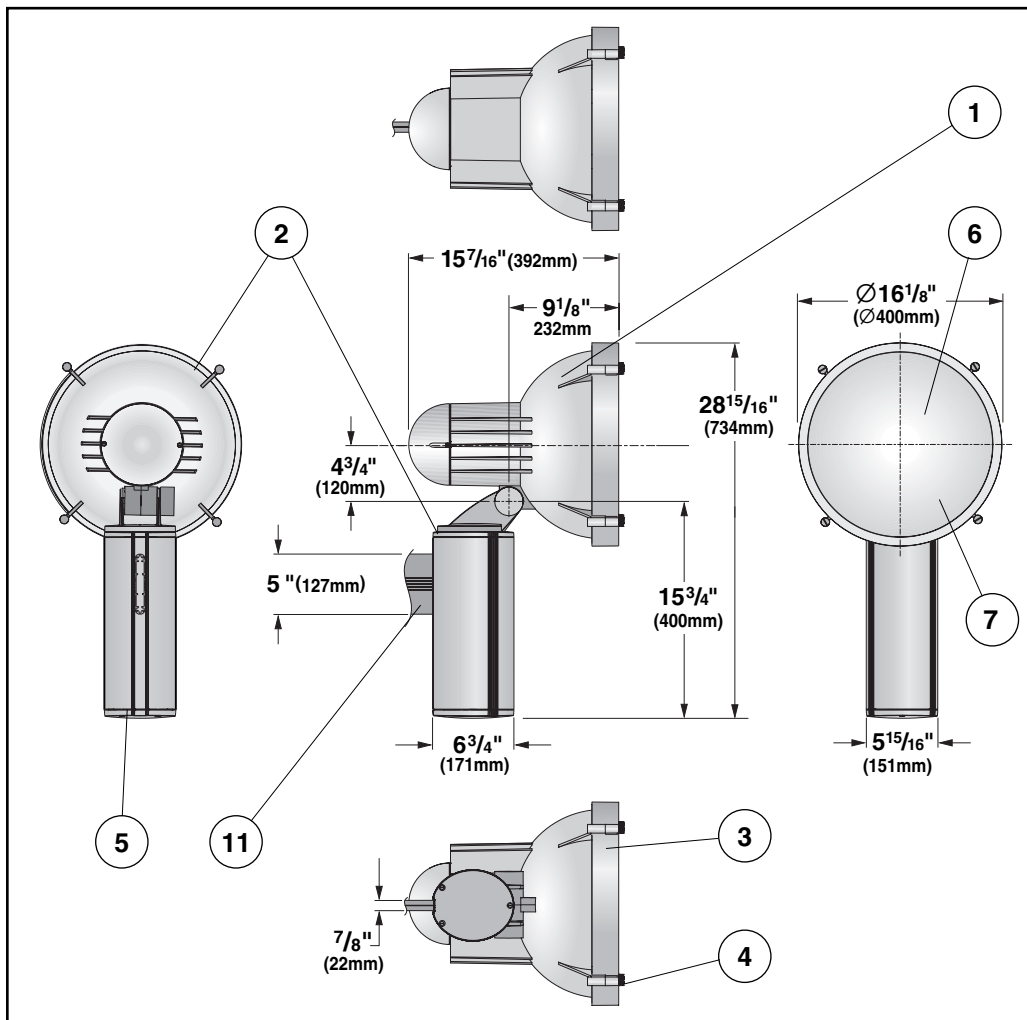
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In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.com/usa are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

PRO22 (w/Integral Ballast) Specifications



1. Housing - Pressure die cast, specially formulated high purity aluminum GD-ALSi12 housing with heat dissipating fins. Secures and provides sealed optic chamber for reflector and lamp.

2. Gasketing - Die-cut high strength silicone gasket between ballast housing and cover, and continuous silicone gasket between fixture housing and lens base provide weatherproofing, dust and insect control.

3. Door Frame - Pressure die cast, specially formulated high purity aluminum GD-ALSi12 frame.

4. Door Fasteners - Three captive stainless steel knurled thumb screws fasten to stainless steel threaded inserts.

5. Ballast Housing - (when fixture supplied with integral ballast) Extruded aluminum 6005-T5, with integral ballast. Ballast enclosure supplied with pressure die cast specially formulated high purity GD-ALSi12 aluminum end

caps, top cap provides mounting yoke for fixture housing. Fixture yoke provides fixture rotation and is locked into position with stainless steel set screw. Available in various mounting configurations, refer to mounting pages for details.

6. Lens - Tempered glass lens supplied in clear, spread or sand etched according to specified beam spread. Optional clear flush lens can be combined with any other lens to prevent dirt and water build up on lens/door assembly in up-light applications. Rotatable spread lens, color filter glass and dichroic filters optionally available.

7. Reflector - Precision formed, high performance reflector, in highly specular and diffuse finishes. Constructed of high purity aluminum with chemically brightened and anodized finish to produce optimum reflectivity for specified distributions.

8. Lamp - (not shown) As indicated.

9. Socket - (not shown) High quality sockets, located to precisely locate and secure lamps in optimum position. Refer to lamp table for specific socket types for each lamp type.

10. Ballasting - (not shown) Electronic, low THD, high power factor ballasts for wattages up to 70MH; or magnetic, high power factor, core and coil ballast for wattages up to 175 watt. Ballasts mounted on removable tray which may be accessed from below housing while mounting and aiming remain fixed.

11. Arm - Extruded aluminum 6005-T5, when applicable. (refer to mounting details)

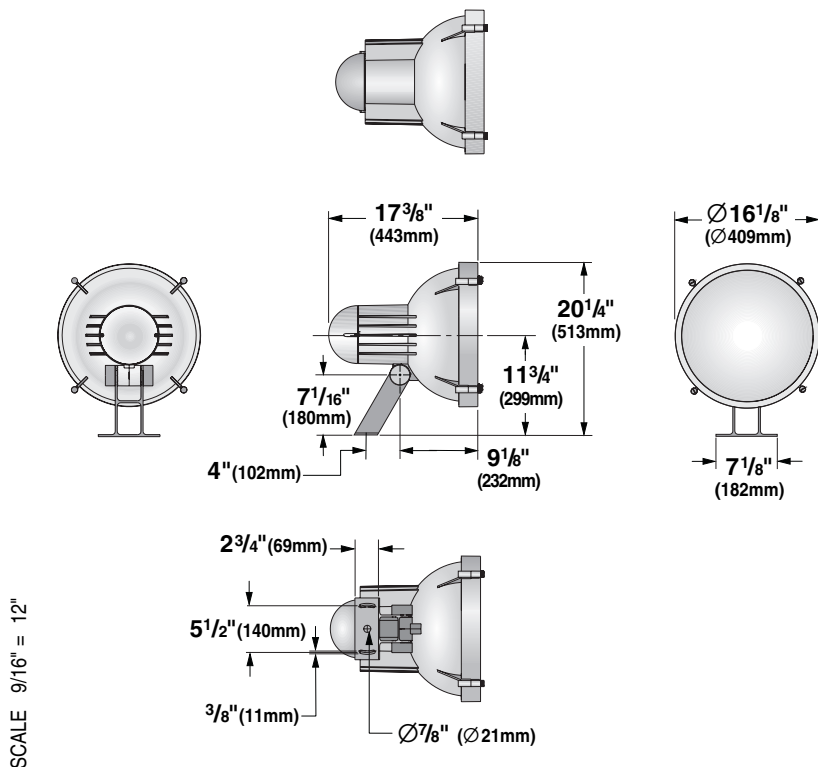
Exterior Luminaire Finish - SELUX utilizes a high quality Polyester Powder Coating. All SELUX luminaires and poles undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. SELUX powder coated products provide excellent salt and humidity resistance 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 #.

Yoke Mounting (Y)

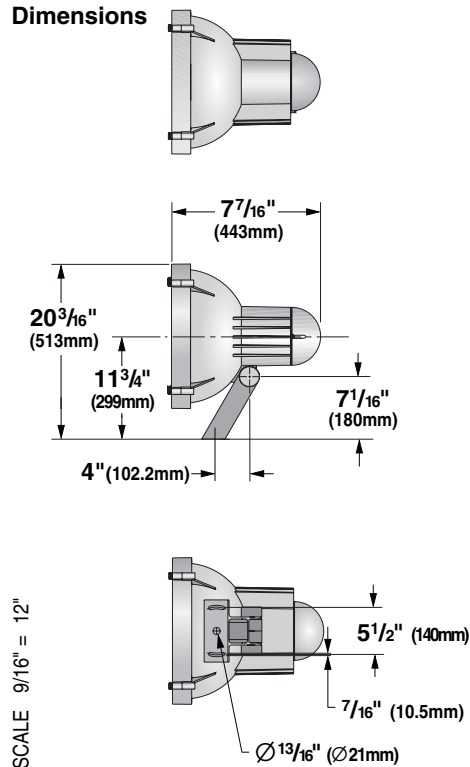
PR022 - _ - _ - Y

Dimensions



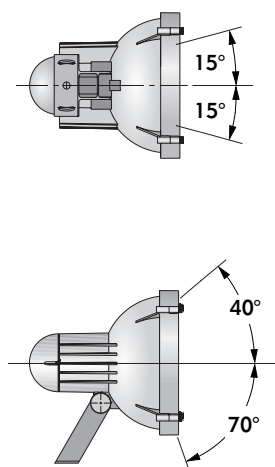
PR022 - _ - _ - Y

Alternate Orientation Dimensions



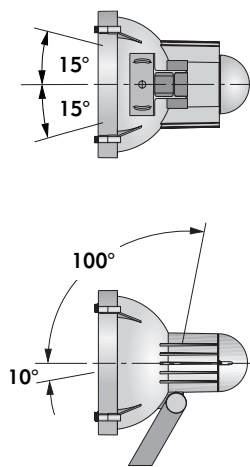
PR022 - _ - _ - Y

Lateral and Vertical Rotation



PR022 - _ - _ - Y

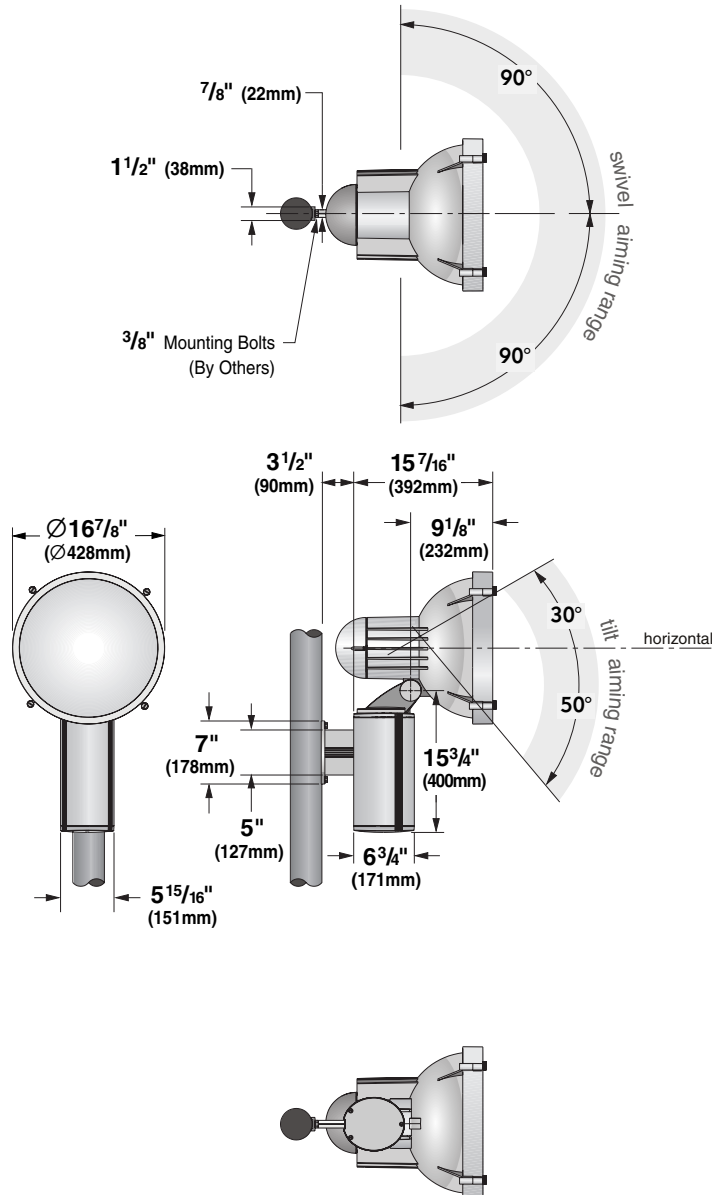
Alternate Orientation Lateral and Vertical Rotation



Bracket Mounting (B)

PR022 - _ - _ - _ - B

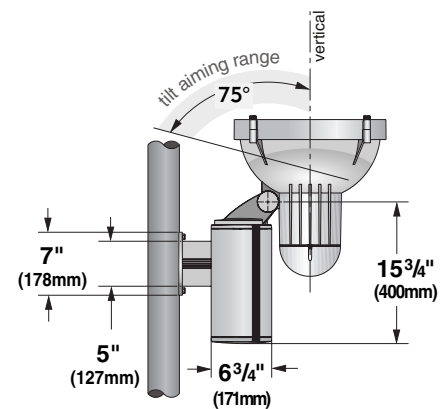
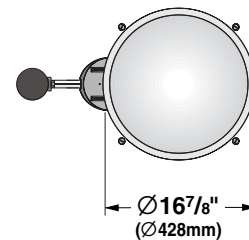
Dimensions



SCALE 9/16" = 12"

PR022 - _ - _ - _ - B

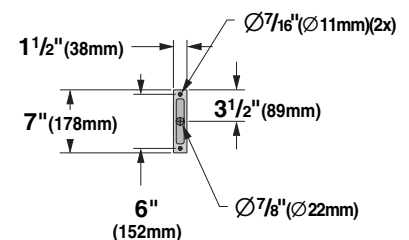
Alternate Orientation Dimensions



SCALE 9/16" = 12"

PR022 - _ - _ - _ - B

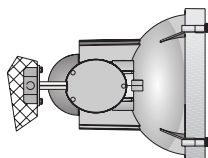
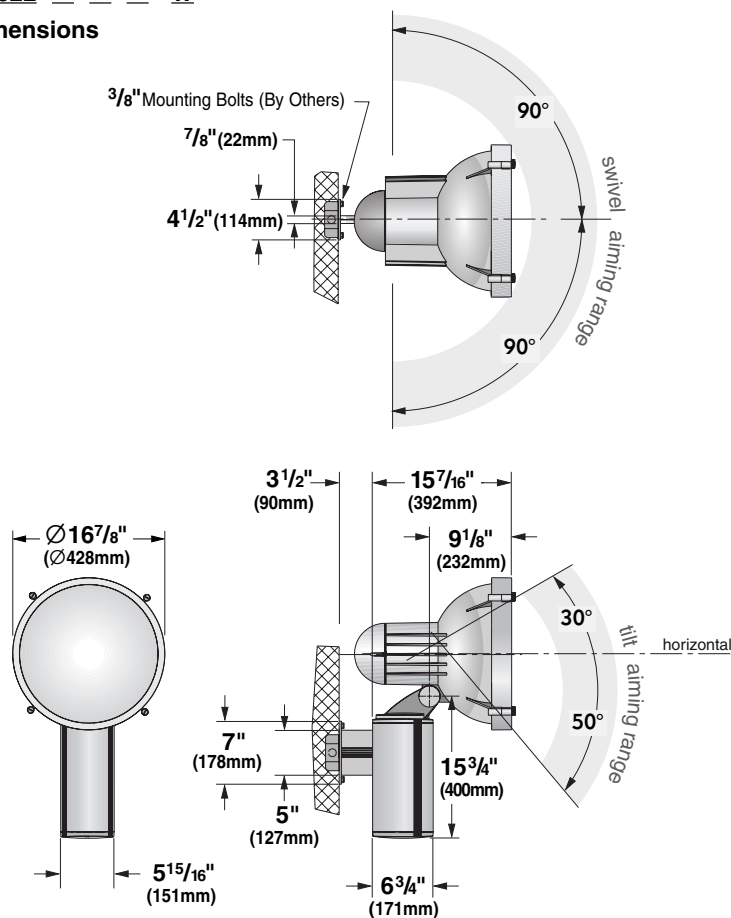
Arm Mounting Plate



Wall Mounting (W)

PR022 - - - - W

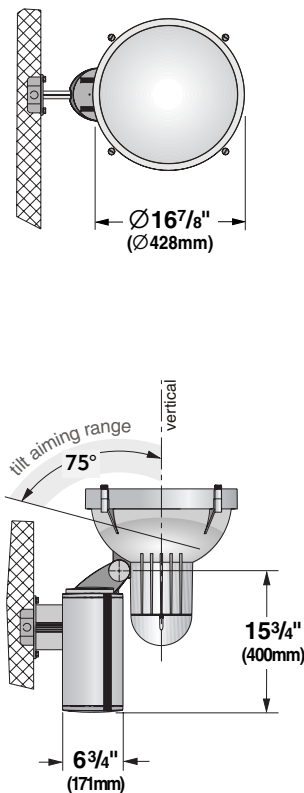
Dimensions



SCALE 9/16" = 12"

PR022 - - - - W

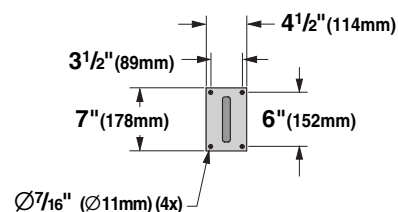
Alternate Orientation Dimensions



SCALE 9/16" = 12"

PR022 - - - - W

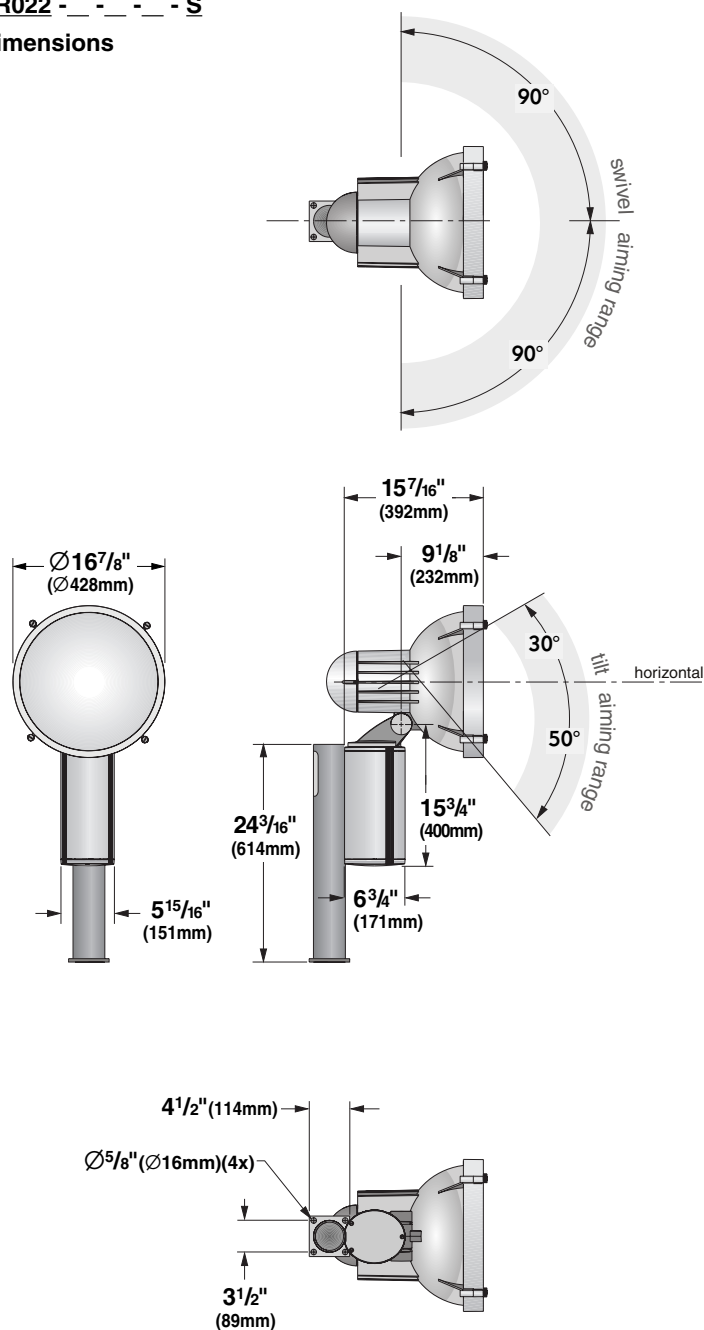
Arm Mounting Plate



Stake Mounting (S)

PR022 - - - - S

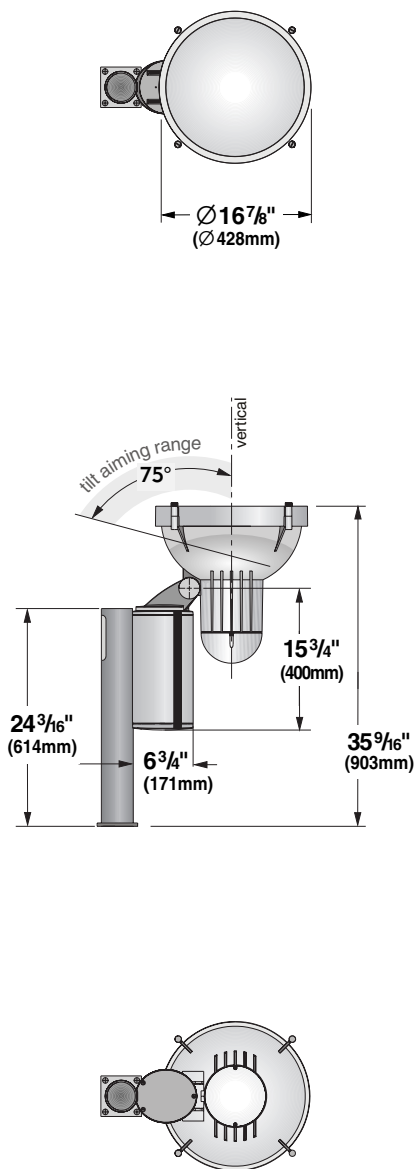
Dimensions



SCALE 9/16" = 12"

PR022 - - - - S

Alternate Orientation Dimensions

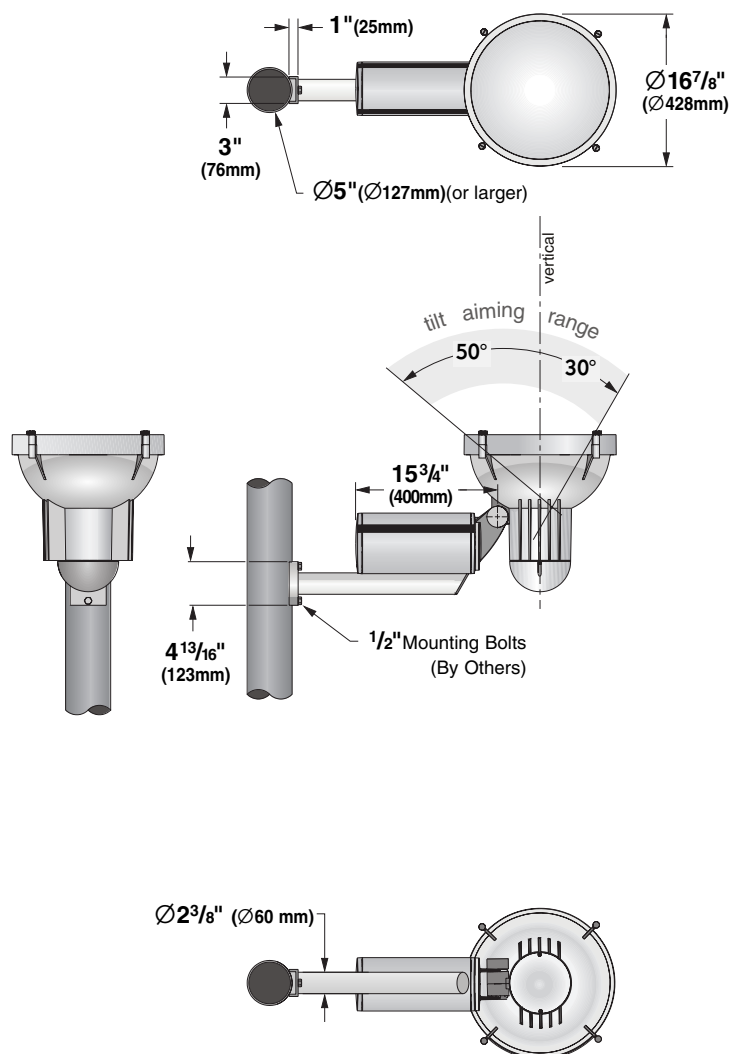


SCALE 9/16" = 12"

Outrigger Mounting (O)

PR022 - - - - O

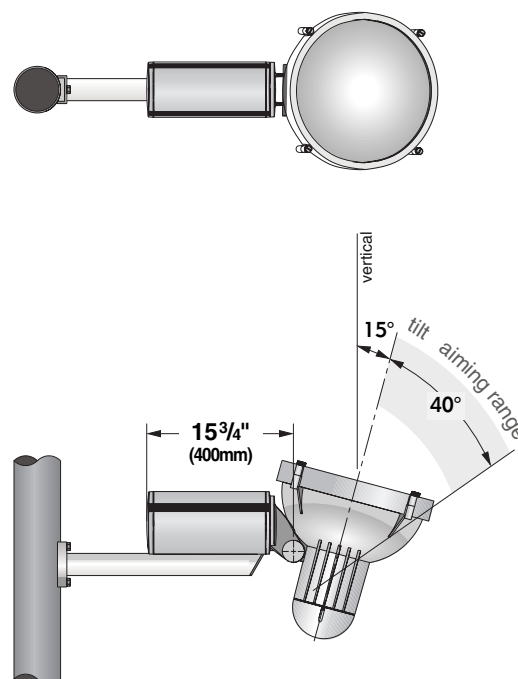
Dimensions



SCALE 9/16" = 12"

PR022 - - - - 0

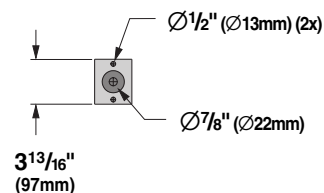
Alternate Orientation Dimensions



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PR022 - _ - _ - 0

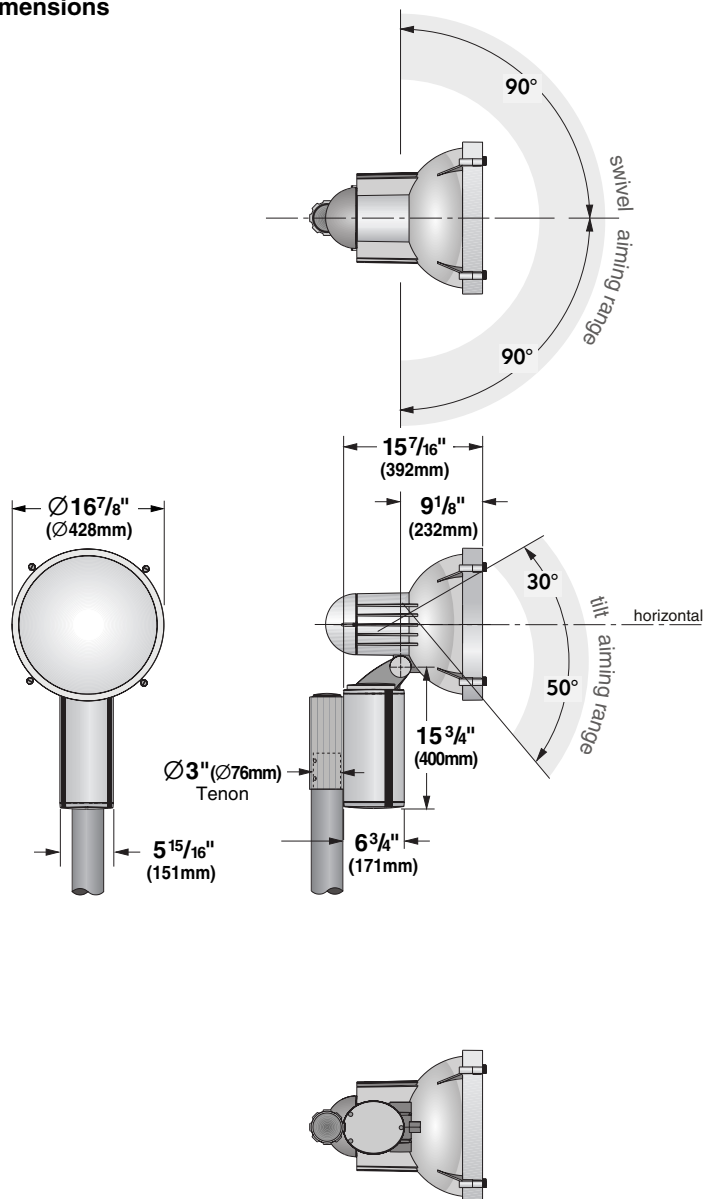
Arm Mounting Plate



Single Mounting (1)

PR022 - _ - _ - 1

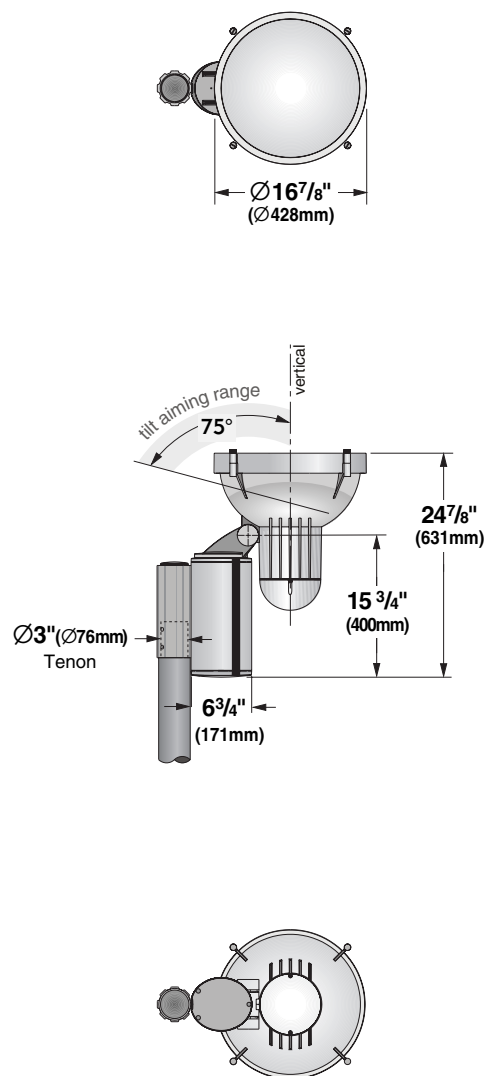
Dimensions



SCALE 9/16" = 12"

PR022 - _ - _ - 1

Alternate Orientation Dimensions

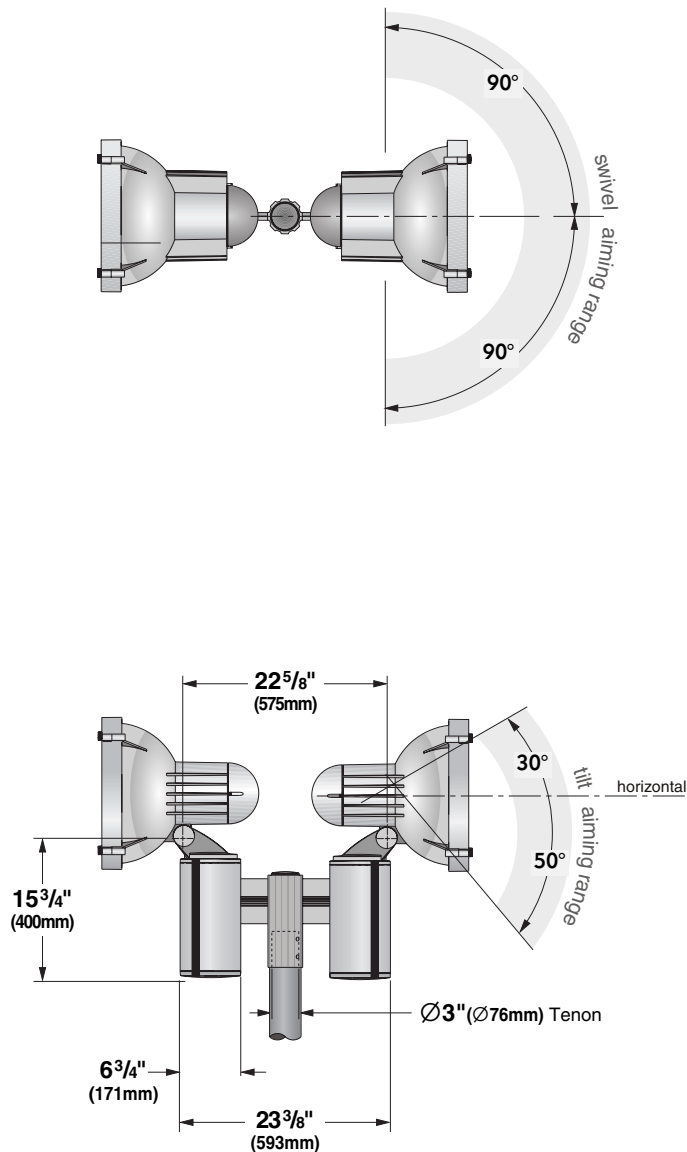


SCALE 9/16" = 12"

Double Mounting (2)

PR022 - - - - 2

Dimensions

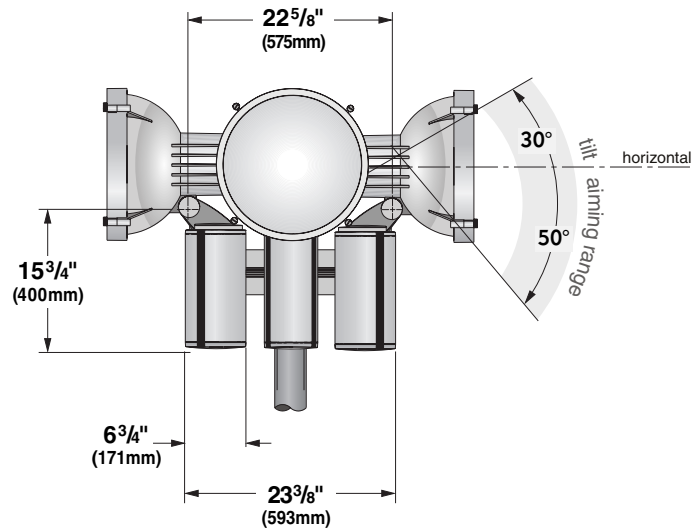
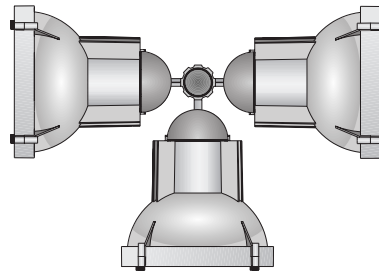


SCALE 9/16" = 12"

Triple Mounting (3)

PR022 - - - - 3

Dimensions



SCALE 9/16" = 12"

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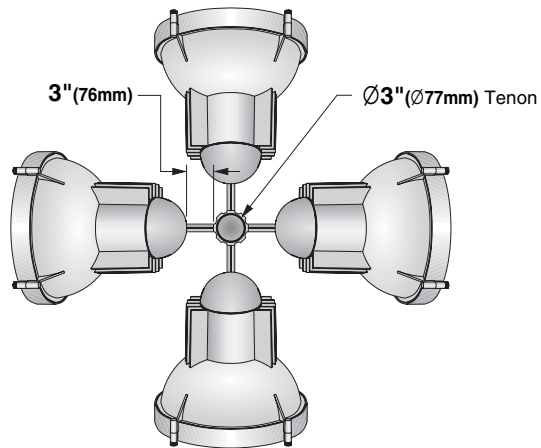
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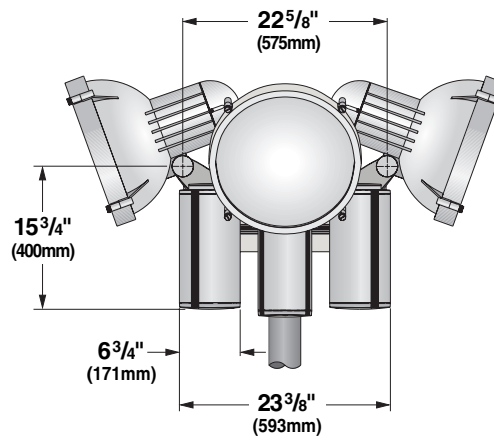
Quad Mounting (4)

PR022 - - - - 4

Dimensions



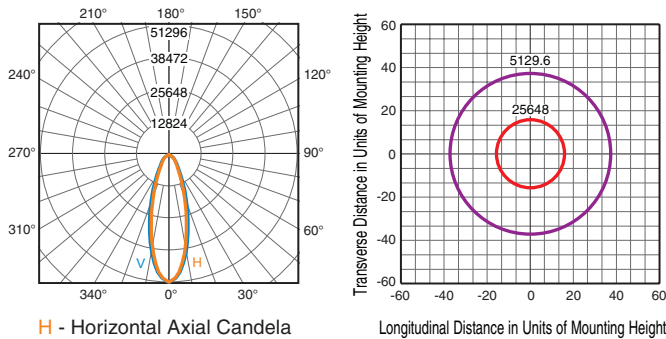
For aiming angles see
double or triple mounting.



SCALE 9/16" = 12"

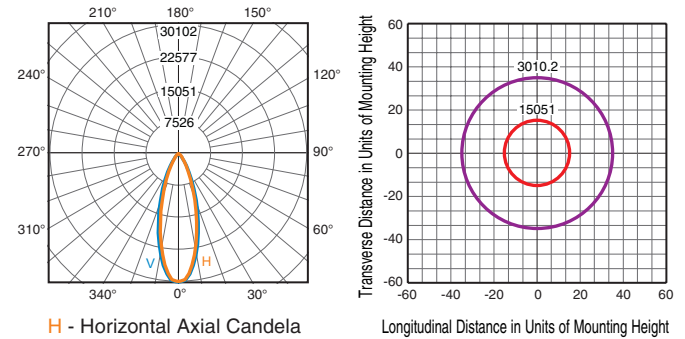
400W Metal Halide / Wide Flood

Catalog # PR022-FM-H400ET
Report # LM-63-1995



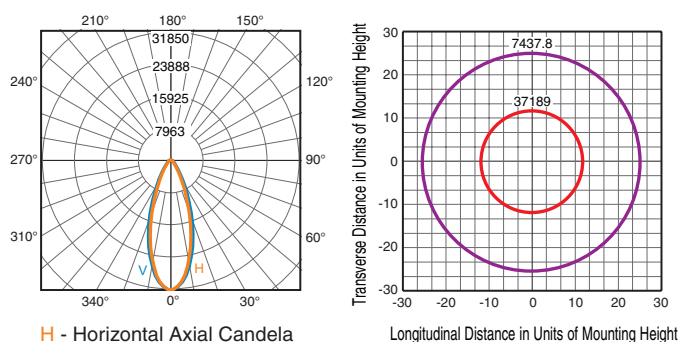
400W Metal Halide / Wide Flood / Internal Ring Louver

Catalog # PR022-FM-H400ET-RL
Report # LM-63-1995



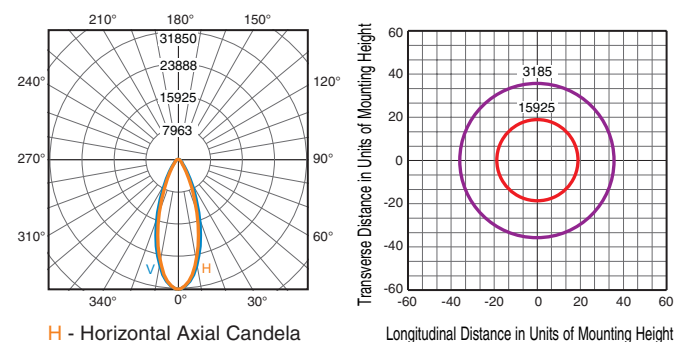
400W Metal Halide / Narrow Flood

Catalog # PR022-FN-H400ET
Report # LM-63-1995



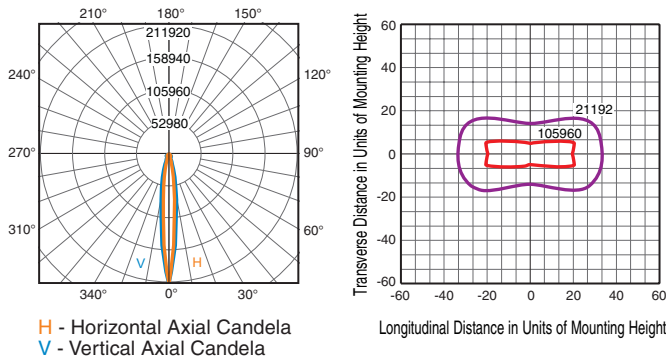
70W T6 Ceramic Metal Halide / Narrow Spot / Internal Ring Louver

Catalog # PR022-FN-H400ET-RL
Report # LM-63-1995



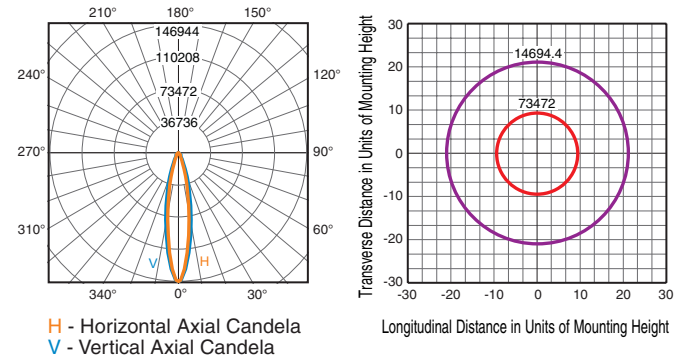
1000W Metal Halide / Horizontal Narrow / Internal Ring Louver

Catalog # PR022-HN-H1000-RL
Report # LM-63-1995



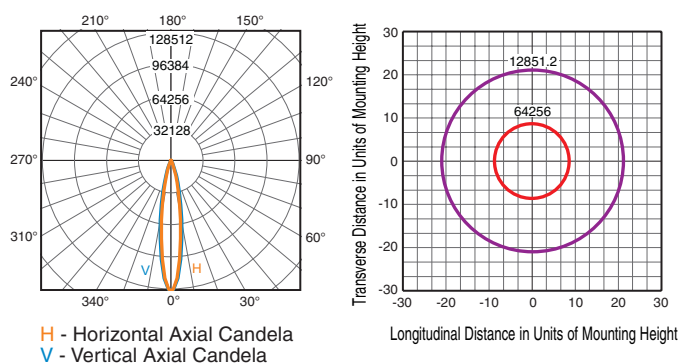
400W Metal Halide / Medium Spot

Catalog # PR022-SM-H400ET
Report # LM-63-1995



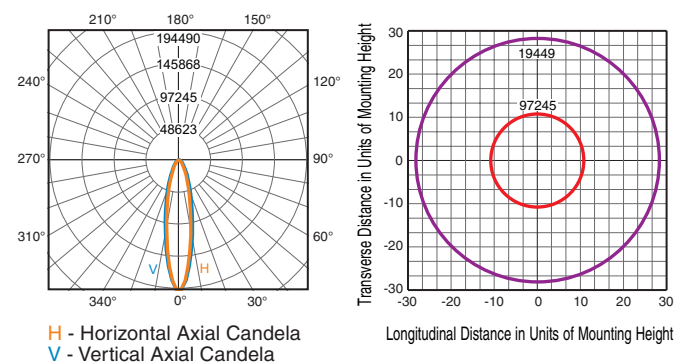
400W Metal Halide / Medium Spot / Internal Ring Louver

Catalog # PR022-SM-H400ET-RL
Report # LM-63-1995



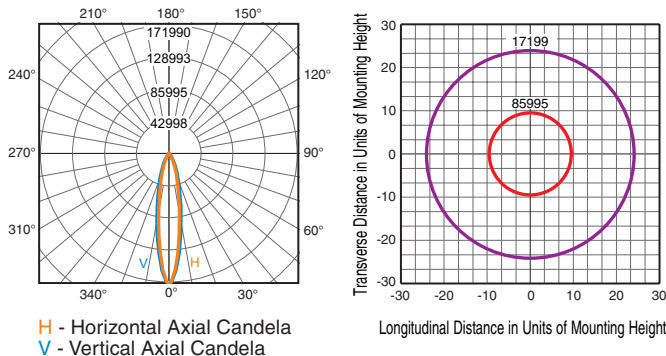
600W High Pressure Sodium / Medium Spot

Catalog # PR022-SM-S600
Report # LM-63-1995



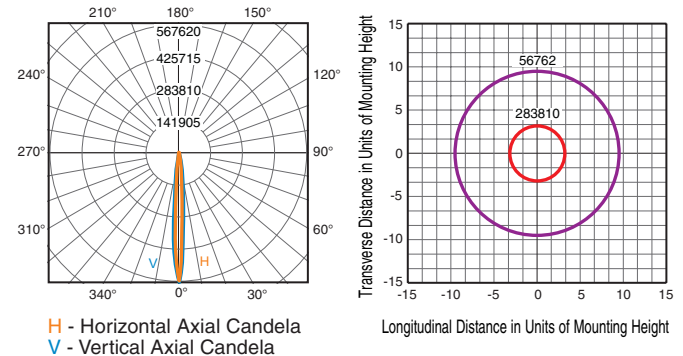
600W High Pressure Sodium / Medium Spot / Internal Ring Louver

Catalog # PR022-SM-S600-RL
Report # LM-63-1995



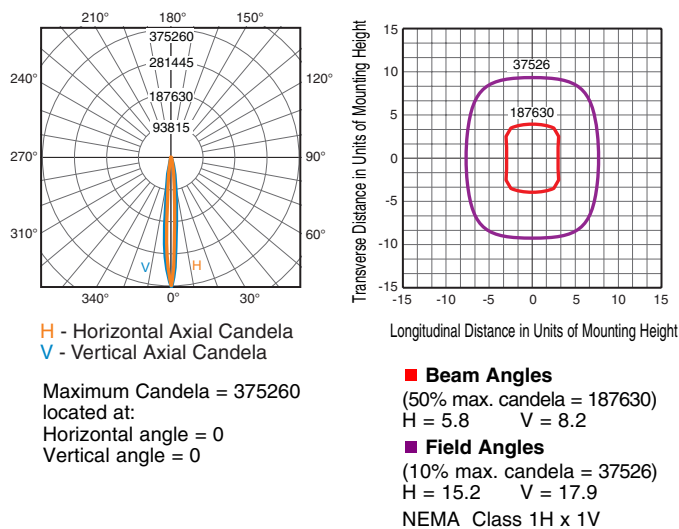
250W Metal Halide / Narrow Spot

Catalog # PR022-SN-H250ET
Report # LM-63-1995



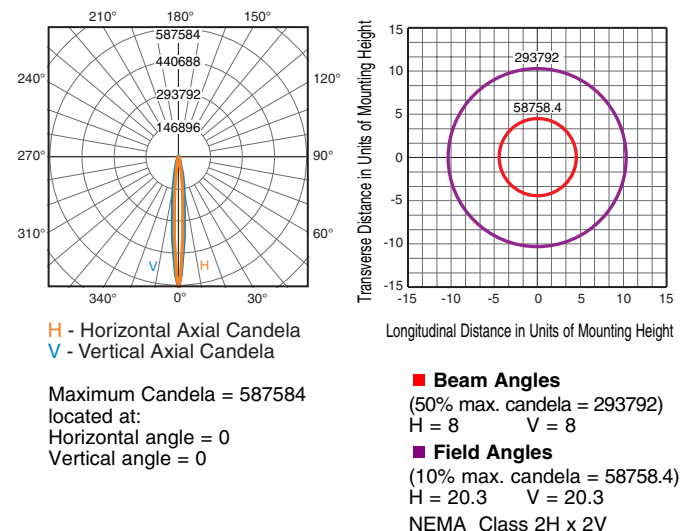
250W Metal Halide / Narrow Spot / Internal Ring Louver

Catalog # PR022-SM-H070T6-RL
Report # LM-63-1995



400W Metal Halide / Narrow Spot

Catalog # PR022-SN-H400ET
Report # LM-63-1995

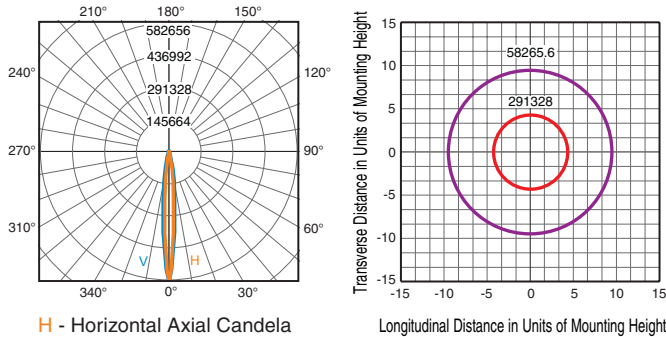


PR022 Photometry

se'lux®

600W Metal Halide / Narrow Spot / Internal Ring Louver

Catalog # PR022-SN-H600-RL
Report # LM-63-1995

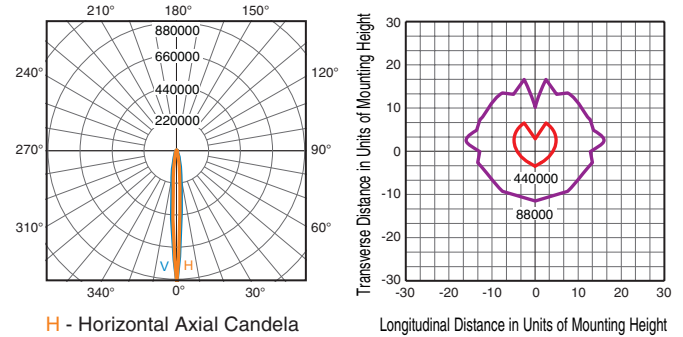


Maximum Candela = 582656
located at:
Horizontal angle = 0
Vertical angle = 0

■ **Beam Angles**
(50% max. candela = 291328)
H = 7.2 V = 7.2
■ **Field Angles**
(10% max. candela = 58265.6)
H = 18.3 V = 18.3
NEMA Class 2H x 2V

1000W Metal Halide / Narrow Spot

Catalog # PR022-SN-H1000
Report # LM-63-1995

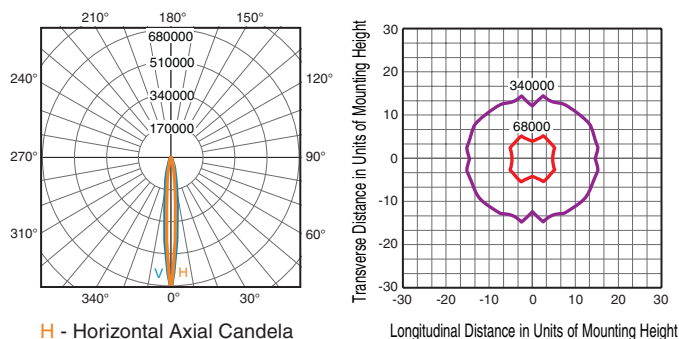


Maximum Candela = 880000
located at:
Horizontal angle = 0
Vertical angle = 0

■ **Beam Angles**
(50% max. candela = 440000)
H = 6.7 V = 5.9
■ **Field Angles**
(10% max. candela = 88000)
H = 26.1 V = 21.3
NEMA Class 2H x 2V

1000W Metal Halide / Narrow Spot / Internal Ring Louver

Catalog # PR022-SN-H1000-RL
Report # LM-63-1995

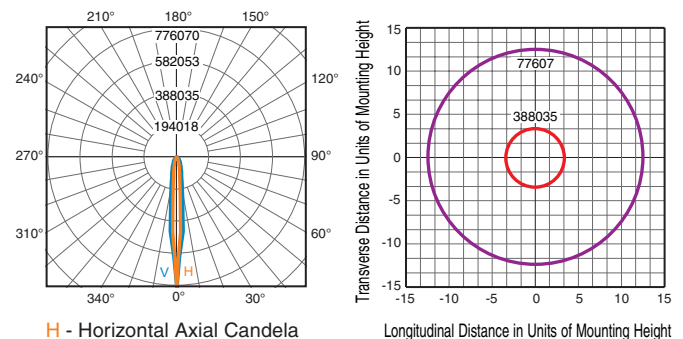


Maximum Candela = 680000
located at:
Horizontal angle = 0
Vertical angle = 0

■ **Beam Angles**
(50% max. candela = 340000)
H = 9.2 V = 8.1
■ **Field Angles**
(10% max. candela = 68000)
H = 28.9 V = 24.2
NEMA Class 2H x 2V

600W High Pressure Sodium / Narrow Spot

Catalog # PR022-SN-S600
Report # LM-63-1995

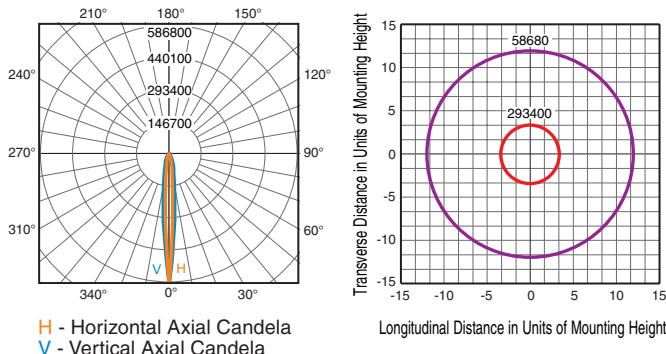


Maximum Candela = 776070
located at:
Horizontal angle = 0
Vertical angle = 0

■ **Beam Angles**
(50% max. candela = 388035)
H = 6.3 V = 7.0
■ **Field Angles**
(10% max. candela = 77607)
H = 21.8 V = 24.9
NEMA Class 2H x 2V

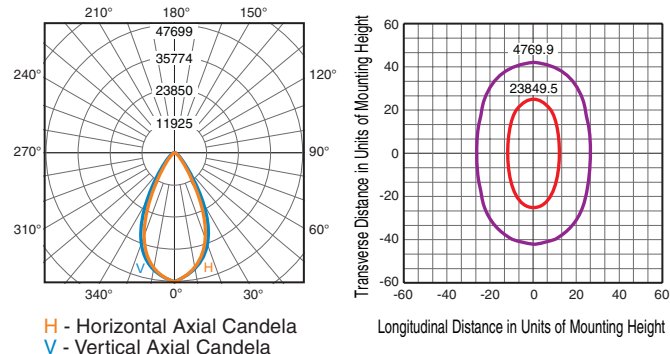
600W High Pressure Sodium / Narrow Spot / Internal Ring Louver

Catalog # PR022-SN-S600-RL
Report # LM-63-1995



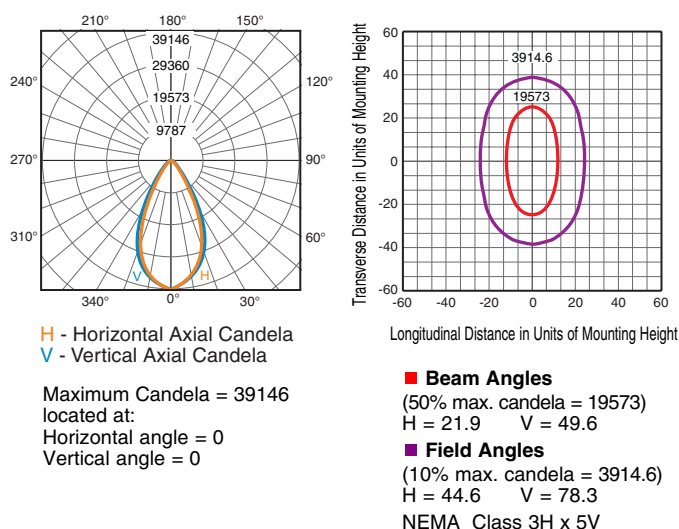
400W Metal Halide / Vertical Medium

Catalog # PR022-VM-H400ET
Report # LM-63-1995



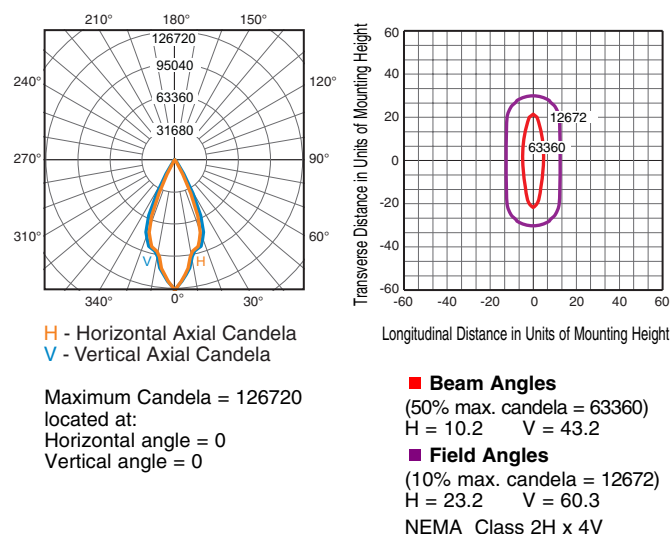
400W Metal Halide / Vertical Medium / Internal Ring Louver

Catalog # PR022-VM-H400ET-RL
Report # LM-63-1995



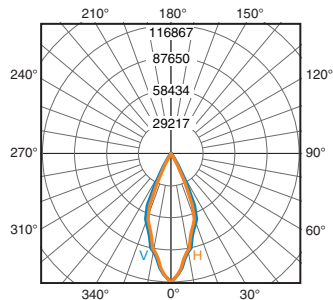
400W Metal Halide / Vertical Narrow

Catalog # PR022-VN-H400ET
Report # LM-63-1995



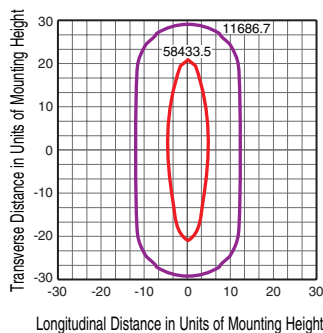
400W Metal Halide / Vertical Narrow / Internal Ring Louver

Catalog # PR022-VN-H400ET-RL
Report # LM-63-1995



H - Horizontal Axial Candela
V - Vertical Axial Candela

Maximum Candela = 116867
located at:
Horizontal angle = 0
Vertical angle = 0



■ Beam Angles

(50% max. candela = 58433.5)
H = 9.3 V = 41.3

■ Field Angles

(10% max. candela = 11686.7)

H = 21.2 V = 58.4

NEMA Class 2H x 4V

Beam Information

Catalog Number	NEMA Distribution		Max Candela			Beam Angle (50%)		Field Angle (10%)		Efficiency (%)		
	H	V	Candela	H	V	H	V	H	V	Beam	Field	Total
PR022 - SN - H250ET - RL	1	1	375260	0	0	5.8	8.2	15.2	17.9	21.82%	44.69%	65.40%
PR022 - SN - H400ET - RL	1	1	947840	0	0	5.8	5.8	16.1	16.1	12.07%	48.98%	71.37%
PR022 - SM - H400ET - RL	3	3	128512	0	0	17.0	17.0	36.5	36.5	19.42%	41.93%	53.56%
PR022 - SN - H1000 - RL	2	2	680000	0	0	9.2	8.1	28.9	24.2	14.70%	49.00%	76.41%
PR022 - SN - H250ET	1	1	567620	0	0	5.6	5.5	16.7	15.4	11.59%	46.14%	80.67%
PR022 - FN - H400	4	4	103424	0	0	21.0	21.0	47.6	47.6	24.31%	53.79%	89.33%
PR022 - SN - H400ET	1	1	1029440	0	0	6.0	6.0	16.8	16.8	21.44%	59.59%	99.86%
PR022 - SM - H400ET	3	3	146944	0	0	19.1	19.1	43.4	43.4	26.68%	65.31%	95.73%
PR022 - FM - H400ET	5	5	51296	0	0	31.9	31.9	74.7	74.7	26.66%	64.15%	87.70%
PR022 - SN - H1000	2	2	880000	0	0	6.7	5.9	26.1	21.3	11.64%	45.61%	76.62%
PR022 - VN - H1000	4	2	211920	0	0	39.1	9.8	65.9	28.1	21.09%	53.08%	75.11%
PR022 - SN - S400ET - RL	2	2	523904	0	0	6.1	6.1	18.8	18.8	11.30%	35.71%	57.45%
PR022 - SM - S400ET - RL	3	3	128512	0	0	17.0	17.0	36.5	36.5	19.42%	41.93%	53.56%
PR022 - SN - S600 - RL	2	2	586800	0	0	6.3	6.3	23.9	23.9	4.36%	19.22%	37.61%
PR022 - SM - S600 - RL	4	4	171990	0	0	18.6	18.6	47.4	47.4	10.99%	29.31%	39.29%
PR022 - SN - S600	2	2	776070	0	0	6.3	7.0	21.8	24.9	5.72%	25.53%	69.26%
PR022 - SM - S600	4	4	194490	0	0	21.3	21.3	56.7	56.7	16.07%	46.71%	66.93%

Lamp Data

Other color temperatures available upon request

Catalog Number	Description	Bulb	Operating Position	Base	Lamp Finish	Lamp Color	ANSI Designation	Initial Lumens	Mean Lumens	CRI	CCT (K)	Life (hours)
H175ED	175 Watt	BT28	Universal	Mogul	Clear	642	M57/E	14400V 12800H	9300	65	4200	10,000V 7,500H
H175EDD	175 Watt	BT28	Universal	Mogul	Coated	738	M57/E	14000V 12000H	8400	70	3800	10,000V 7,500H
H250	250 Watt	BT28	Universal	Mogul	Coated	738	M58/E	21500V 19500H	17000V 14000H	70	3800	10,000
H250ET	250 Watt	ET18	Universal	Mogul	Clear	640	M58/E	22000V 20000H	17500V 13500H	65	4000	10,000
H400	400 Watt	BT37	Universal	Mogul	Coated	737	M59/S	36000V 32000H	22500V 20500H	70	3700	20,000V 15,000H
H400ET	400 Watt	ET18	Universal	Mogul	Clear	640	M59/E	36000V 33000H	23400V 21500H	65	4000	20,000V 15,000H
H1000	1000 Watt	BT37	Universal	Mogul	Clear	638	M47/E	110000V 107800H	93500V 86300H	65	3800	15,000V 9,000H
Q250M	250 Watt	T4		E11 Mini Can	Coated	xxx		4850				2,000
Q500M	500 Watt	T4		E11 Mini Can	Coated	xxx		10100				2,000
S150ED	150 Watt	ED28	Universal	Mogul		xxx	S56	15000	13950	21	2100	24,000+
S250	250 Watt	BT28	Universal	Mogul	Coated	xxx	S50	26000	23400	22	2100	24,000+
S250ET	250 Watt	ET18	Universal	Mogul	Clear	xxx	S50	29000	26100	22	2100	30,000
S400	400 Watt	BT37	Universal	Mogul	Coated	xxx	S51	47500	40000	21	2100	24,000+
S400ET	400 Watt	ET18	Universal	Mogul	Clear	xxx	S51	50000	45000	22	2100	30,000
S600	600 Watt	T16	Universal	Mogul	Clear	xxx	S106	90000	81000	22	2200	24,000
S1000	1000 Watt	E25	Universal	Mogul	Clear	xxx	S52	13000	124000	22	2100	24,000+