

Date: _____ Customer: _____

Project: _____

Type: _____ Qty: _____



Beta Pendant LED



Order Code: BPL - - - - -

Pole Order Code: - - - - -

SeriesHeightFinishOptions

BPL	Series	BPL Beta Pendant LED						
	Optics	R1 Type I Distribution	R2 Type II Distribution	R3 Type III Distribution	R4 Type IV Distribution	R5R Type V (Round) Distribution	R5S Type V (Square) Distribution	
	Mounting	1 Single	2C Double Cluster	3C Triple Cluster	4C Quadruple Cluster	W Wall Mount	P* Pendant	* Interior use only
	Light Engine	5G350 nominal 33W	5G530 nominal 49W	5G700 nominal 64W	5G105 nominal 95W			
	CCT	271* 2700K	301 3000K	35* 3500K	40 4000K	50* 5000K	1 2700K and 3000K IDA Approved *Consult factory.	
	Power Cord Length	12 12'	15 15'	18 18'	20 20'	25 25'	XX XX'	
	Finish	WH White	BK Black	BL Semi-Matte Black	BZ Bronze	SV Silver	SP Specify Premium Color	
	Voltage	UNV ^{2,5} 120V-277V	120 120V	240 240V	277 277V	347 ^{3,4,6} 347V	480 ^{3,4,5} 480V	² Please specify voltage ³ Equipped with step-down transformer ⁴ Wattage increases to light engines as such: 55W, 75W, 115W ⁵ Not available with PCT or HL50 ⁶ Not available with HL50
	Options	HS ⁷ House Side Shield (180°)	DM ⁸ Dimming (0-10V)	PCT ^{10,11} Photocell Tenon See page 9 for details	HL50 ^{8,9} Hi-Lo Switching Low Output 50%	MS ^{8,11} Motion Sensor with Optional Photocell (meets Title 24 Requirements). See Pole Spec Sheet for Order Code	⁷ Type I, II, III, and IV only ⁸ DM, HLXX, or MS only. Cannot be combined ⁹ 120V, 240V, 277V only ¹⁰ 120V, 240V, 277V, 347V only ¹¹ PCT or MS only. Cannot be combined.	

Product Modifications

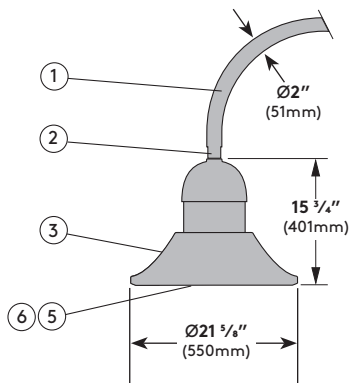
Please list modification requirements for review by factory:

Approvals



Date:

BPL



Specifications

1. Mounting Arm - Ø2" (51mm) curved arm attaches to pole by means of a transition fitter supplied with fixture.

2. Fixture Connection - The fixture cap is securely fastened to curved arm using a steel connector.

3. Fixture Hood - Decorative low-copper aluminum shade.

4. Gasketing - (Not shown) Continuous molded gaskets provide weatherproofing, dust, and insect control.

5. LED Array - High Flux LEDs mounted to metal core PCB and attached to external heat sink for maximum LED performance and life. CCT tolerance within a 3 step bin and provided with a minimum CRI of 80. LED light engine has a reported lumen maintenance of 98% at 50,000 hours. L70 calculated greater than 100,000 hours. Exposed face rated to IP65.

6. LED Optics - (not shown) Technical Optics (R1, R2, R3, R4, R5S and R5R) use Selux signature light pattern acrylic lens holder to secure proprietary silicone optics. Internal micro house side shield available for distributions types I, II, III & IV.

7. LED Driver - (not shown) LEDs are driven by RoHS compliant constant current program-mable LED driver. Driver includes 0-10V dimming to 10%, meets the requirements of IP66. Driver assembly located inside the head and accessible through the the hinged door.

8. Surge Protection - (not shown) Designed to protect luminaire from electrical surge (20kA).

Exterior Luminaire Finish - Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and 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), Semi-Matte Black (BL), Bronze (BZ) and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide.

5 Year Limited LED Luminaire Warranty -

Selux offers a 5 Year Limited Warranty to the original purchaser that the Beta Pendant LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the fixture, LED driver and LED light engine when installed and operated according to Selux instructions. Fixture suitable for ambient temperature of 35° C (95° F). For details and exclusions, see "Selux Terms and Condition of Sale."

Listings and Ratings: Tested to IESNA LM-79-08 and LM-80 test standards at 25° C ambient temperature. Rated for wet locations.

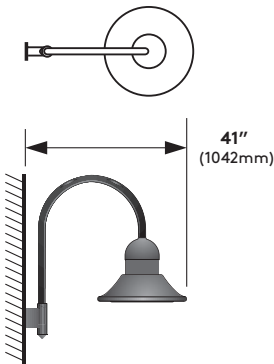
Visit selux.us for our LED End of Life recycling policy.

For Buy American compliance on poles, please consult the factory.

Mounting

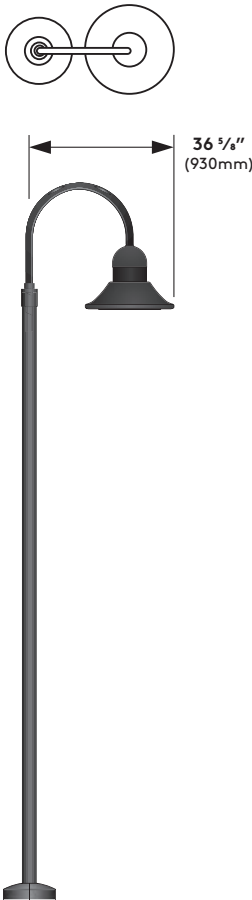
Wall Mount

EPA = 1.7ft² (0.16m²)
Weight = 38lbs. (17.2kg)



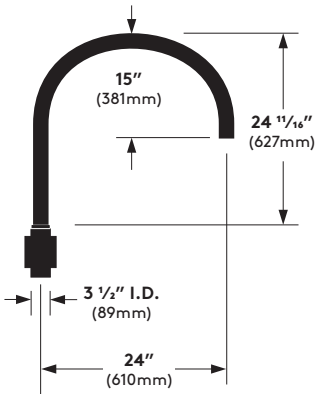
Single

EPA = 1.7ft² (0.16m²)
Weight = 38lbs. (17.2 kg)



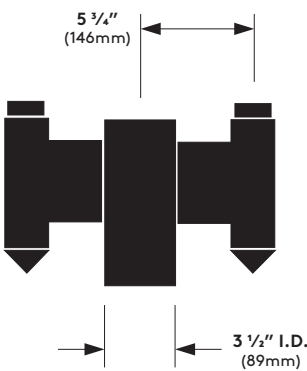
Arm

Curved steel tubing supplied with fixture head. Arm radius = 12" (305mm). Steel fitter slips over pole and is secured with (3) stainless steel screws.



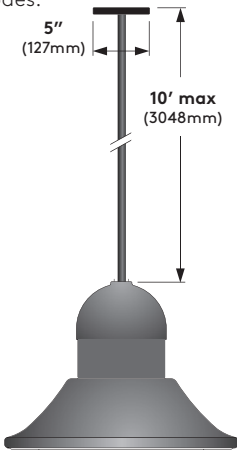
Multitple Pole Fitter

Fabricated steel fitter base and transition to pole. Secured to pole with (4) stainless steel Allen head set screws. Decorative caps at bottom of mounting arm locations are formed aluminum and drilled for water drainage.



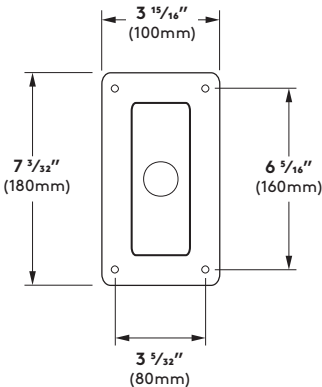
Stem for Pendant Mount
(Interior use only)

3/4" NPT steel threaded pipe. Specify stem length (10' max.) Fromed steel canopy (→ 5.0"/12.7mm) supplied with crossbar for junction box mounting. Junction box to be secured for load bearing requirements appropriate to local codes.



Wall Mount Back Plate

Fabricated steel mounting. Secured to wall with 5/16" (8mm) diameter fasteners (by others).



Mounting

Double

Die-cast aluminum double round luminaire mounting arms secured to pole with four stainless steel, Allen head set screws. Outer slip fitter for 3 1/2 " tenon.

EPA = 3.9ft² (0.36m²)
Weight = 86lbs. (39.0kg)

Triple

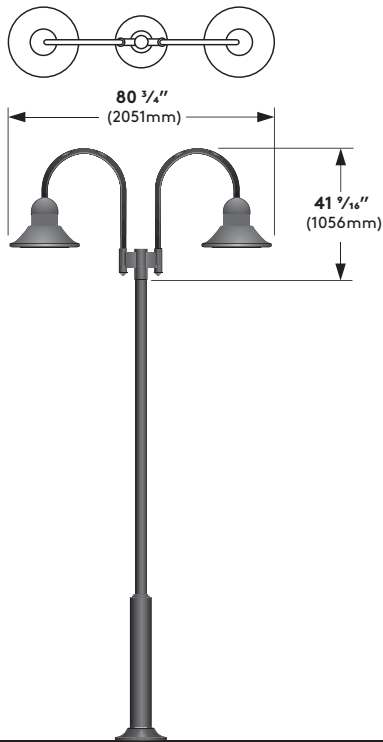
Die-cast aluminum triple round luminaire mounting arms secured to pole with four stainless steel, Allen head set screws. Outer slip fitter for 3 1/2 " tenon.

EPA = 5.6ft² (0.52m²)
Weight = 124lbs. (56.2kg)

Quad

Die-cast aluminum quadruple round luminaire mounting arms secured to pole with four stainless steel, Allen head set screws. Outer slip fitter for 3 1/2 " tenon.

EPA = 7.3ft² (0.68m²)
Weight = 162lbs. (73.4kg)



Double Cluster



Triple Cluster



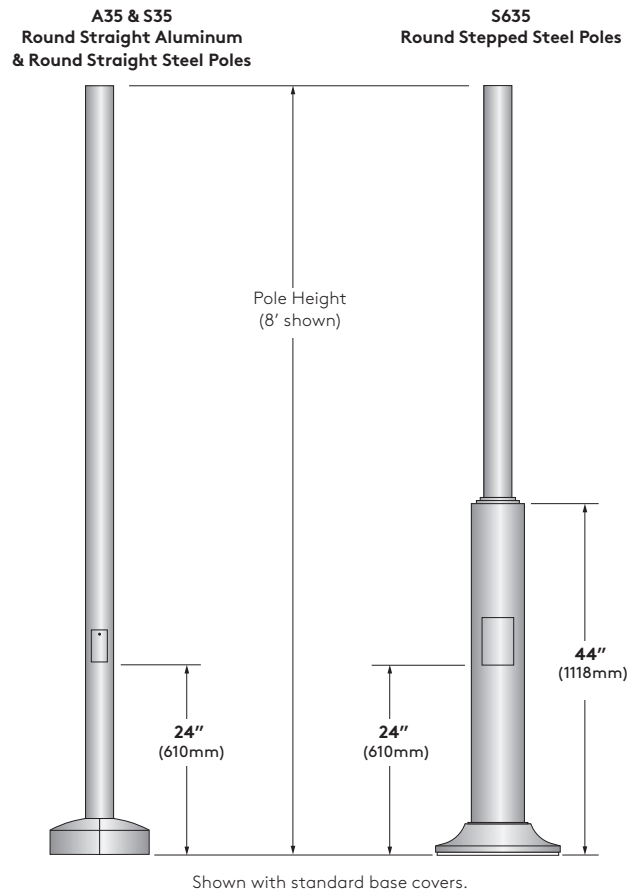
Quadruple Cluster

Pole Information

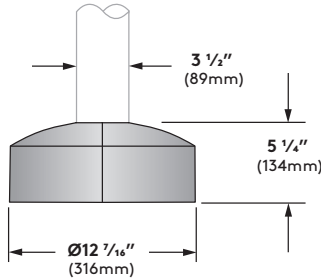
Refer to pole specification sheets for construction details, anchorage information and additional options.

Base Cover Information

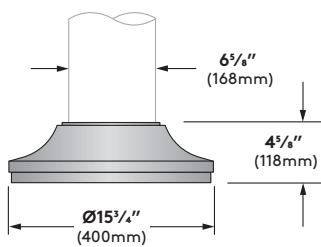
Refer to pole specification sheets for construction details, anchorage information and additional options.



Standard Base Cover (BC5)
Supplied with A35 and S35
Two-piece cast aluminum



Standard Base Cover (BC6)
Supplied with S635
One-piece cast aluminum

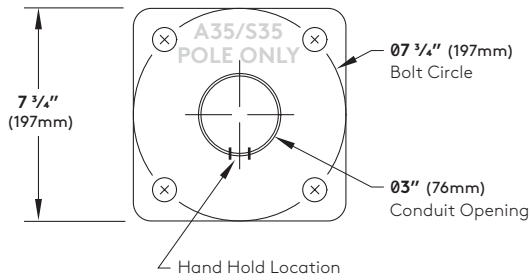


Pole Data Chart

Pole Series	Bolt Circle	EPA Information					Height	Finish	Options
		70mph	80mph	90mph	100mph	110mph			
S635 3 1/2" Diameter Stepped Steel Pole	Ø9"	57.6	44.3	34.6	27.5	22.8	8 ft.	WH White	BC5 Two-piece base cover for A35 and S35 poles BC6 Two-piece base cover for S635 pole REC GFCI Receptacle with weatherproof cover REC2 GFCI Receptacle with padlockable in-use cover REC3 USB & Duplex Receptacle with weatherproof cover REC4 USB & Duplex Receptacle with weatherproof padlockable in-use cover MS Motion Sensor with Optional Photocell (Meets Title 24 Requirements) * 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	Ø7 3/4"	16.1	12.2	9.4	7.3	5.9		BK Black	
S35 3 1/2" Diameter Straight Steel Pole	Ø7 3/4"	14.8	11.3	8.6	6.7	5.4		BL Semi-Matte Black	
S635 3 1/2" Diameter Stepped Steel Pole	Ø9"	45.6	35.0	27.3	21.6	17.8	10 10 ft.	BZ Bronze	REC2 GFCI Receptacle with padlockable in-use cover REC3 USB & Duplex Receptacle with weatherproof cover REC4 USB & Duplex Receptacle with weatherproof padlockable in-use cover MS Motion Sensor with Optional Photocell (Meets Title 24 Requirements) * 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	Ø7 3/4"	12.4	9.3	7.1	5.4	4.3		SV Silver	
S35 3 1/2" Diameter Straight Steel Pole	Ø7 3/4"	11.4	8.6	6.5	4.9	3.9		SP Specify Premium Color	
S635 3 1/2" Diameter Stepped Steel Pole	Ø9"	37.6	28.7	22.3	17.5	14.4	12 12 ft.		
A35 3 1/2" Diameter Straight Aluminum Pole	Ø7 3/4"	9.9	7.3	5.4	4.0	3.1			
S35 3 1/2" Diameter Straight Steel Pole	Ø7 3/4"	9.1	6.7	4.9	3.6	2.8			
S635 3 1/2" Diameter Stepped Steel Pole	Ø9"	31.7	24.2	18.6	14.6	11.9	14 14 ft.		
A35 3 1/2" Diameter Straight Aluminum Pole	Ø7 3/4"	8.0	5.8	4.2	3.0	2.2			
S35 3 1/2" Diameter Straight Steel Pole	Ø7 3/4"	7.3	5.3	3.8	2.7	1.9			
S635 3 1/2" Diameter Stepped Steel Pole	Ø9"	21.7	15.8	12.3	9.6	7.6	16 16 ft.		
A35 3 1/2" Diameter Straight Aluminum Pole	Ø7 3/4"	4.9	3.2	2.2	1.4	N/A			
S35 3 1/2" Diameter Straight Steel Pole	Ø7 3/4"	4.4	2.8	1.9	N/A	N/A			

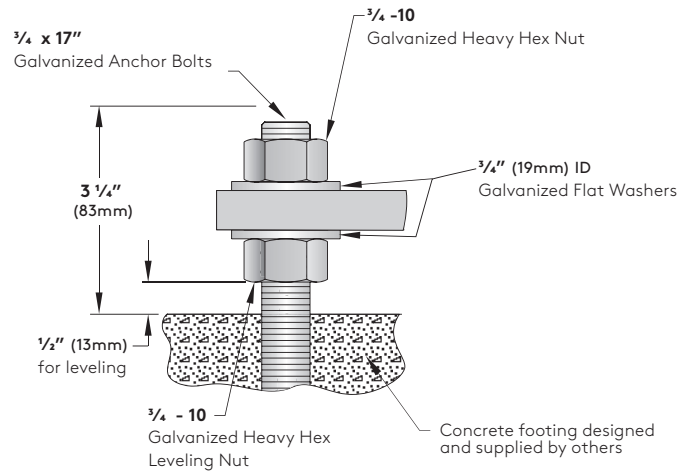
Bolt Circle for A35 & S35

Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown



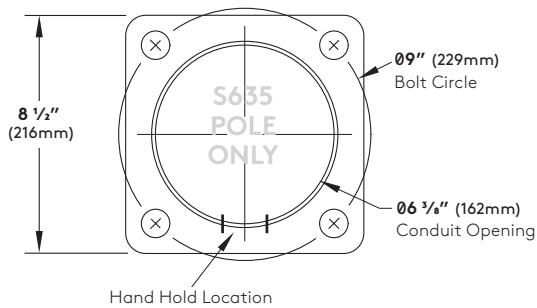
Note: Adequate drainage must be provided in concrete foundation.

Anchor Bolt Detail for A35 & S35



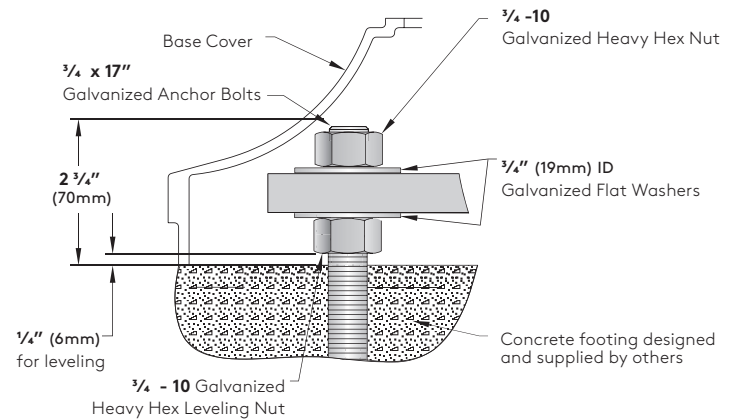
Bolt Circle for S635

Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown.



Note: Adequate drainage must be provided in concrete foundation.

Anchor Bolt Detail for S635

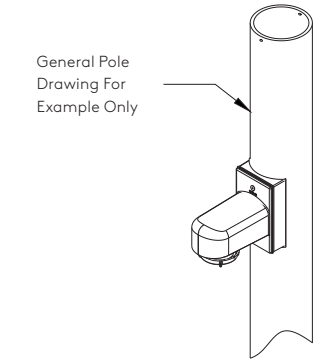
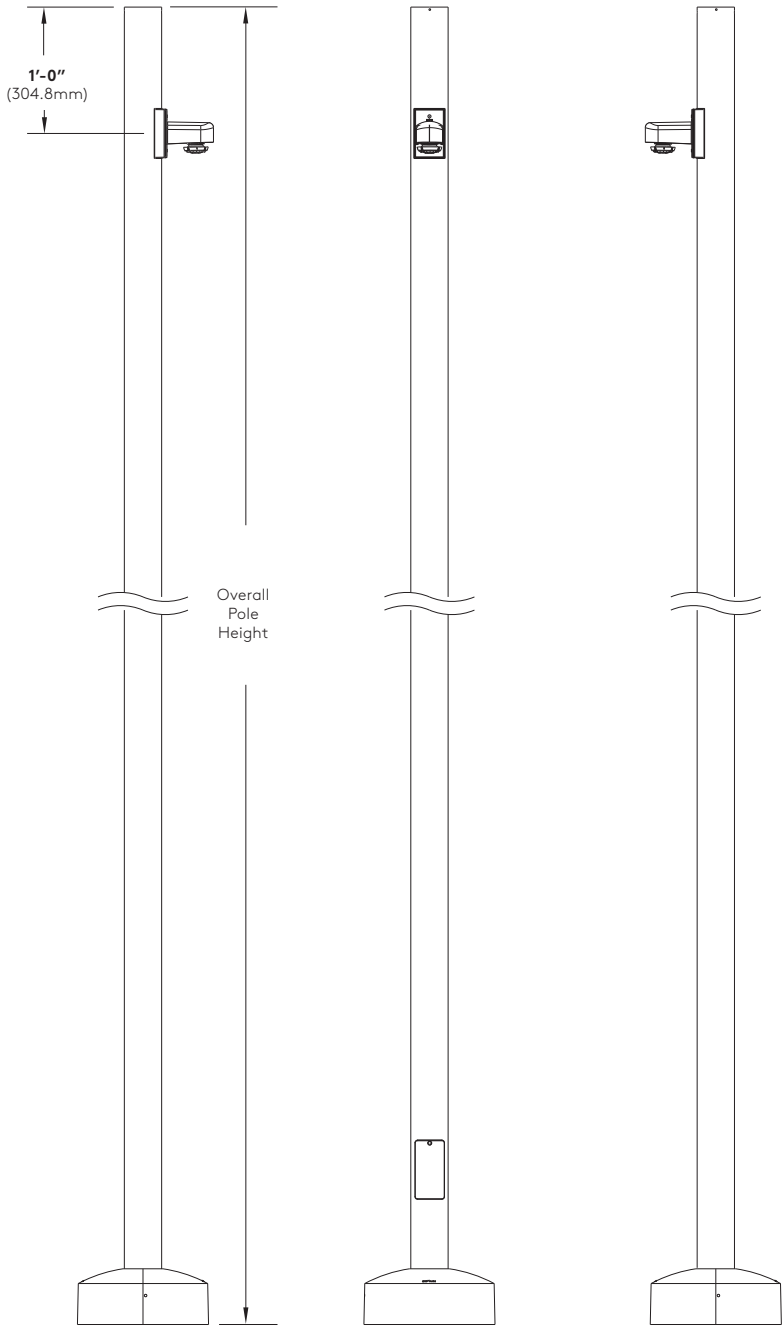


Round Pole Motion Sensor

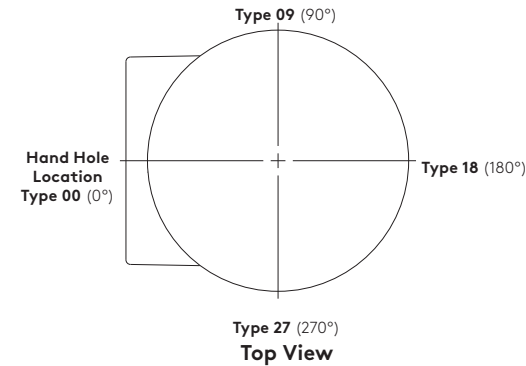
The Selux outdoor rated sensor incorporates Passive Infrared (PIR) Technology for motion sensing and also includes built-in photocell. Sensor comes pre-installed in cast aluminum housing painted to match pole finish.

Series	Hand Hole Orientation	Dim Level	Photocell Feature	Voltage
MS Motion Sensor	00 0° Clockwise from Hand Hole	D0 (Off)	Y Yes	UNV (100-347VAC single phase or 208/230/480VAC phase-to-phase)
	09 90° Clockwise from Hand Hole	D1 (1V=10%)		
	18 180° Clockwise from Hand Hole	D3 (3V=30%)	N No	
	27 270° Clockwise from Hand Hole	D5 (5V=50%)		

Factory Defaults:
Delay to Dim: 5 minutes
Delay to Off: 1 hour
Sensitivity: Max
Custom Programming: Consult Factory



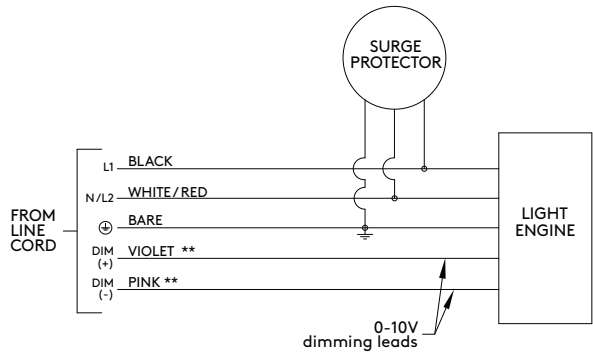
Sensor angular orientation from hand hole 0° 90° increments clockwise around pole (Type 00, 09, 18, 27)



- Motion Sensor Features**
- Customize programming using smartphone application (Refer to the FSP-321 at www.wattstopper.com)
 - 5 Year Warranty
 - 100% Digital PIR Detection, excellent RF Immunity
 - 270° coverage pattern
 - IP66 Rated for outdoor applications
 - Made for LED light source
 - Adjustable time delays, max/min dim levels, and ramp rates
 - Suitable for Title 24 applications
- (For coverage details refer to wattstopper FSP-321 spec sheet at www.wattstopper.com)

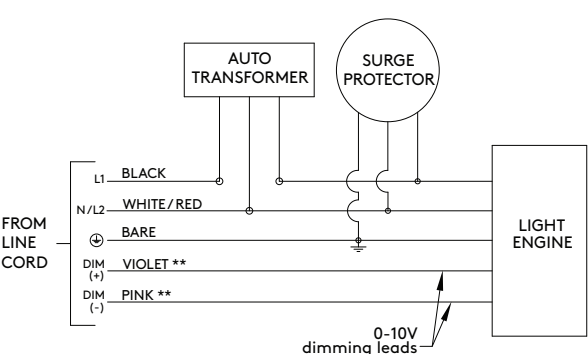
Standard Wiring (120V-277V)

**When dimming is not required cap dimming wires.



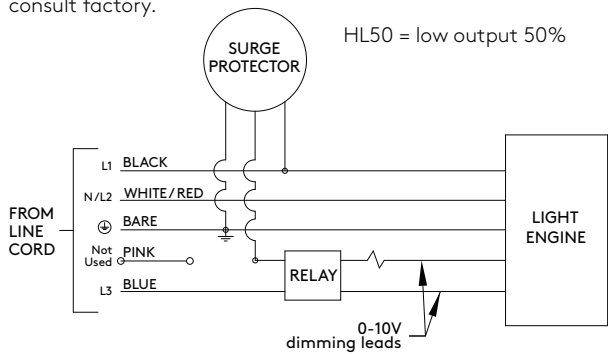
Standard Wiring (347/480V with Step-down Transformer)

**When dimming is not required cap dimming wires.



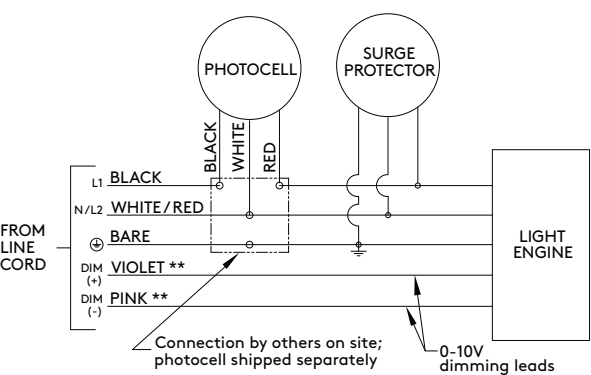
Hi-Lo Switching Option (HL) Wiring HL50 Only

120V, 240V, 277V. When blue is energized, light output will be at "Lo" level. Specify low-level by using the level listed below. For other combinations, consult factory.

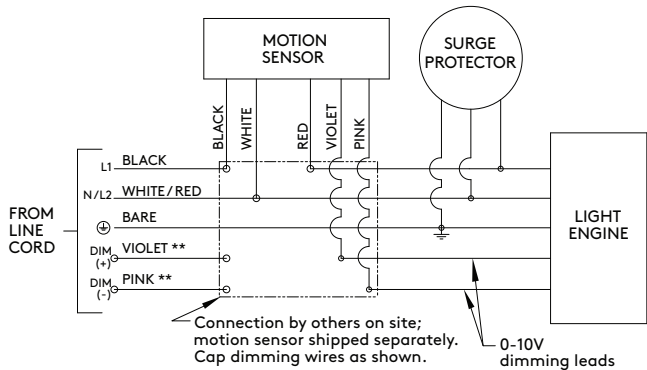


Photocell Option (PCT) Wiring

**When dimming is not required cap dimming wires.



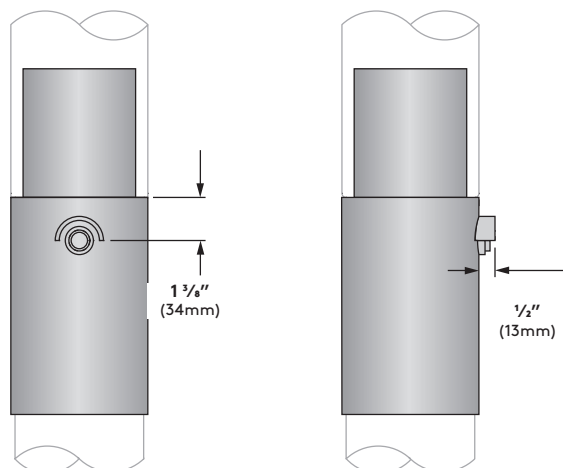
Motion Sensor Option (MS) Wiring (120-480V)



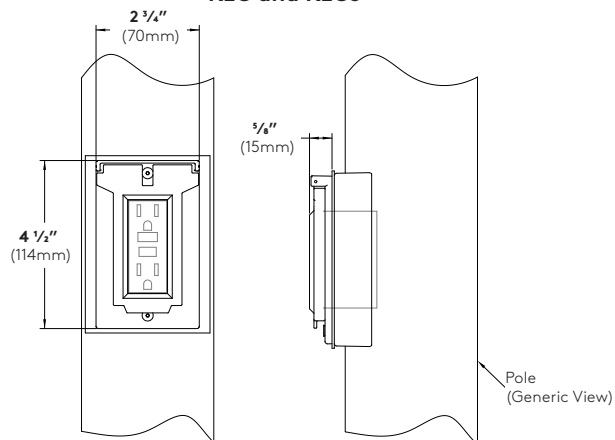
Wire Designation Table		
Source Voltage (VAC)	Wire Color	Wire Designation
120V, 277V, or 347V	Black	L1
	White	Neutral
208V, 240V, or 480V	Black	L1
	Red	L2
UNV (120V-277V)	Black	L1
	White	Neutral (120/277V) or L2 (208/240V)

Optional Accessories

Photo Cell Tenon (PCT) - Button type photocell mounted in cast aluminum pole top tenon. Tenon has integral cast visor to prevent false start/stop cycle and can be oriented for optimum performance. Refer to luminaire spec sheet to determine if this option is applicable.



REC and REC3



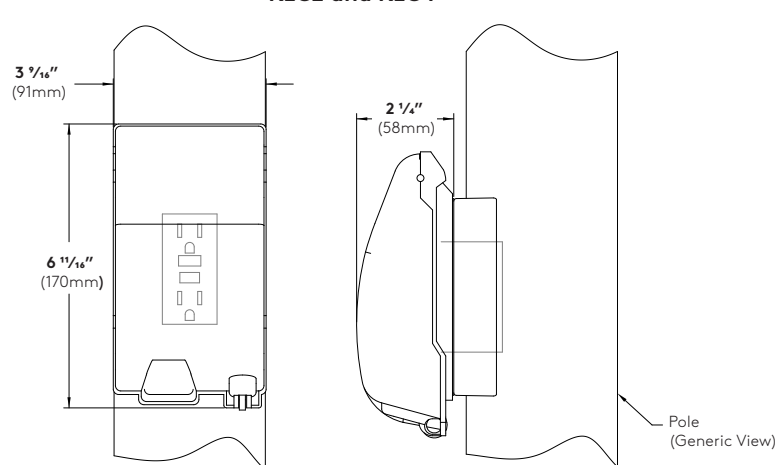
Cover shown in the closed position

GFCI Receptacle (REC) - 120V 15A GFCI duplex receptacle with weatherproof, self-closing cover; located 36" (915mm) o.c. from base of pole, in-line with hand hole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel (120V only).

USB & Duplex Receptacle (REC3) (not shown) - 120V 20A duplex receptacle with USB combination ports. (1) type A and (1) type C high power 5A, 5V USB outlets. With weatherproof, self-closing cover; located 36" (915mm) o.c. from base of pole, in-line with hand hole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel.

REC3 does not incorporate GFCI (Ground Fault Circuit Interrupter) protection, and shall be powered by a GFCI protected branch circuit (by others).

REC2 and REC4



Cover shown in the closed position

GFCI Receptacle (REC2) - 120V 15A GFCI duplex receptacle with weatherproof, self-closing, padlockable in-use cover; located 36" (915mm) o.c. from base of pole, in-line with hand hole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel (120V only).

USB & Duplex Receptacle (REC4) (not shown) - 120V 20A duplex receptacle with USB combination ports. (1) type A and (1) type C high power 5A, 5V USB outlets. With weatherproof, self-closing padlockable in-use cover; located 36" (915mm) o.c. from base of pole, in-line with hand hole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel.

REC4 does not incorporate GFCI (Ground Fault Circuit Interrupter) protection, and shall be powered by a GFCI protected branch circuit (by others).

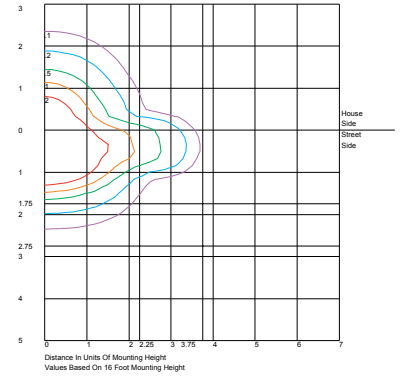
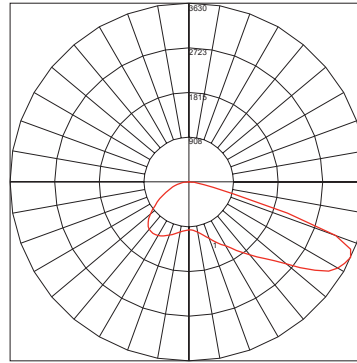
Beta Pendant LED

Photometry

selux

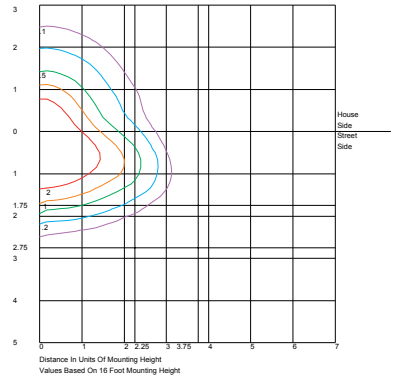
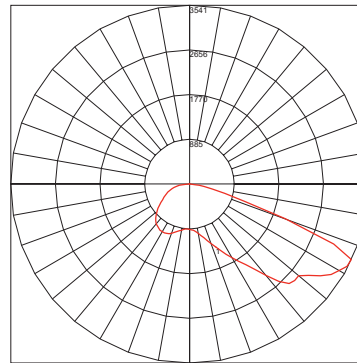
R1 Optics / 64W LED / 3000K CCT

Catalog #: BPL-X-R1-5G700-30-XX-UNV
 Delivered Lumens: 6881
 Input Watts: 64.45W
 Efficacy: 107 lm/W
 CCT: 2979K
 CRI (Ra): 82.1
 Maximum candela of 3630 at 65°
 IES classification: Type II
 Mounting Height: 16' (4.9 m)
 BUG Rating: B2-U0-G1
 Power Factor: 0.995
 Total Harmonic Distortion: 6.82%



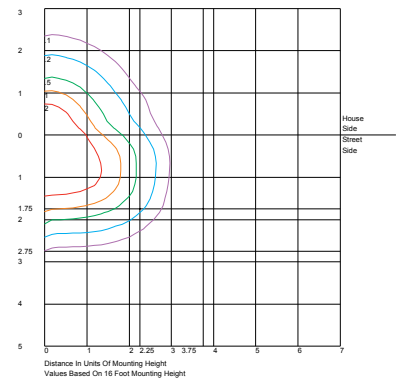
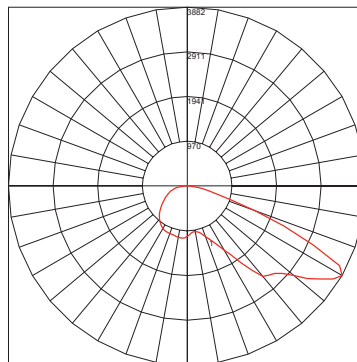
R2 Optics / 64W LED / 3000K CCT

Catalog #: BPL-X-R2-5G700-30-XX-UNV
 Delivered Lumens: 6675
 Input Watts: 64.17W
 Efficacy: 104 lm/W
 CCT: 2979K
 CRI (Ra): 82.1
 Maximum candela of 3541 at 65°
 IES classification: Type II
 Mounting Height: 16' (4.9 m)
 BUG Rating: B2-U0-G1
 Power Factor: 0.995
 Total Harmonic Distortion: 6.82%



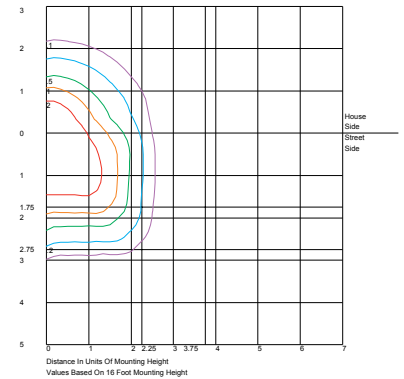
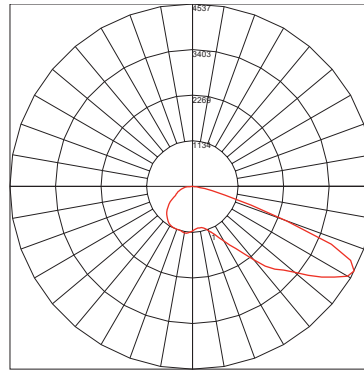
R3 Optics / 64W LED / 3000K CCT

Catalog #: BPL-X-R3-5G700-30-XX-UNV
 Delivered Lumens: 6615
 Input Watts: 64.27W
 Efficacy: 103 lm/W
 CCT: 2979K
 CRI (Ra): 82.1
 Maximum candela of 3882 at 60°
 IES classification: Type III
 Mounting Height: 16' (4.9 m)
 BUG Rating: B1-U0-G1
 Power Factor: 0.995
 Total Harmonic Distortion: 6.82%



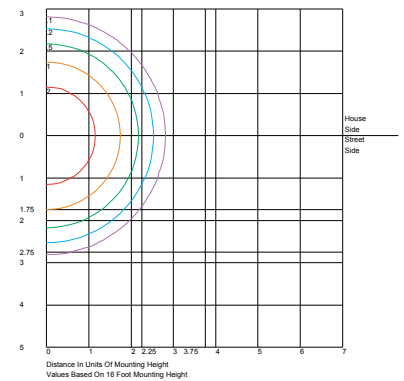
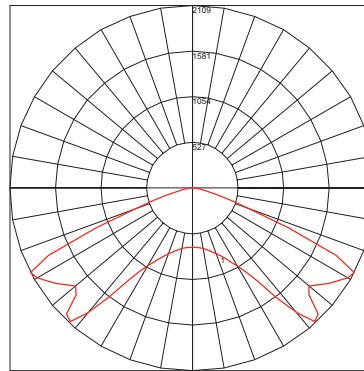
R4 Optics / 64W LED / 3000K CCT

Catalog #: BPL-X-R4-5G700-30-XX-UNV
 Delivered Lumens: 6750
 Input Watts: 65.03W
 Efficacy: 104 lm/W
 CCT: 2979K
 CRI (Ra): 82.1
 Maximum candela of 4537 at 62.5°
 IES classification: Type III
 Mounting Height: 16' (4.9 m)
 BUG Rating: B2-U0-G1
 Power Factor: 0.995
 Total Harmonic Distortion: 6.82%



R5R Optics / 64W LED / 3000K CCT

Catalog #: BPL-X-R5R-5G700-30-XX-UNV
 Delivered Lumens: 6823
 Input Watts: 63.82W
 Efficacy: 107 lm/W
 CCT: 2979K
 CRI (Ra): 82.1
 Maximum candela of 2109 at 62.5°
 IES classification: Type V
 Mounting Height: 16' (4.9 m)
 BUG Rating: B2-U0-G1
 Power Factor: 0.995
 Total Harmonic Distortion: 6.82%



R5S Optics / 64W LED / 3000K CCT

Catalog #: BPL-X-R5S-5G700-30-XX-UNV
 Delivered Lumens: 6783
 Input Watts: 64.07W
 Efficacy: 106 lm/W
 CCT: 2979K
 CRI (Ra): 82.1
 Maximum candela of 2282 at 42.5°
 IES classification: Type VS
 Mounting Height: 16' (4.9 m)
 BUG Rating: B2-U0-G1
 Power Factor: 0.995
 Total Harmonic Distortion: 6.82%

