

Date: \_\_\_\_\_ Customer: \_\_\_\_\_

Project: \_\_\_\_\_

Type: \_\_\_\_\_ Qty: \_\_\_\_\_



Olivio Medio LED

Universal Mount



Order Code:

OLML - - - - -

Pole Order Code:

Series      Height      Finish      Options

OLML	Series	OLML Olivio Medio LED							
	Optics	S09 Spot, 9°	S20 Spot, 20°	F40 Flood Medium, 41°	F80 Flood, 78°	ASM Asymmetric (no SLH or SLV option)			
	Mounting	U Universal	T1 Single Pole Top						
	Light Engine	2G350 15W / 1325lm	2G525 23W / 1978lm	2G700 31W / 2631lm	2G105 46W / 3941lm	* Based on F80 distribution and 3000K CCT.			
	CCT	27 <sup>1</sup> 2700K	30 <sup>1</sup> 3000K	35* 3500K	40 4000K	50* 5000K	<sup>1</sup> DarkSky approved with (DS) option only. * Consult factory		
	Finish	WH White	BK Black	BL Semi-Matte Black	BZ Bronze	SV Silver	SP Specify Premium Color		
	Voltage	UNV 120-277V	120 120V	208 208V	240 240V	277 277V			
	Options	DS <sup>2</sup> DarkSky 0° Tilt Option	DM Dimming, 0-10V	SLH Spread Lens Horizontal (fixed)	SLV Spread Lens Vertical (fixed)	HL50 <sup>3,5</sup> High - low switching low output 50%	HX <sup>4</sup> Micro Hexcell Honey Comb Louver	CF Color Filter (consult factory)	<sup>2</sup> DarkSky approved with (DS) option only and 2700K CCT. <sup>3</sup> Only available with 120V, 240V or 277V. <sup>4</sup> Cannot be combined with SLH, SLV, or ASM options. <sup>5</sup> Cannot be combined with DM option.

Product Modifications

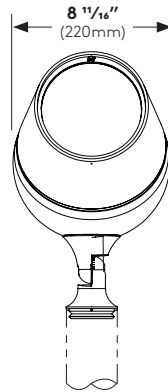
Please list modification requirements for review by factory:

Approvals

Date:



## OLML-T1



## Specifications

**Luminaire Housing** - Two piece high pressure die cast housing, made of low copper aluminum alloy. Single recessed captive screw allows easy access to light engine & gear tray components.

**Gasketing** - UV and ozone resistant silicone gasket between fixture housing and lens base provide IP67 level ingress protection. IP rated micro-membrane ensures pressure compensation.

**Lens** - Tempered clear glass lens.

**LED Light Engine** - Made from high flux COB and vacuum metalized aluminum reflectors. Selux is using brand name LED manufacturers. Available in 3000K and 4000K, CRI minimum 80. Other CCT - consult factory. Reflectors made from high purity aluminum to ensure high efficiencies throughout lifetime. Complete light engine can be removed easily for future upgrade. LED light engine provides a reported lumen maintenance of 84.3% at 60,000 hours. L70 calculated greater than 60,000 hours.

**LED Driver** - Selux uses brand name high efficiency LED drivers. LEDs are driven by RoHS compliant high-efficiency driver. Excellent for cold temperature starting and instant on. Minimum operating temperature -40°C/ -40°F.

**Surge Protector** - Designed to protect luminaire from electrical surge up to (20kA).

**Power Cord** - Pre-installed at factory and hidden through the luminaire hinge and hinge arm. Power cords are specified to fit the length of the pole specified with the luminaire.

**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 ultraviolet 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. Hot Dip Galvanized finish (GV) on all steel parts also available.

**5 Year Limited LED Luminaire Warranty** - Selux offers a 5 Year Limited Warranty to the original purchaser that the Olivio Medio 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 LED driver and LED array when installed and operated according to Selux instructions. Fixture suitable for ambient temperature of 40° C (104° F).

**Listings and Ratings:** Luminaire and LED tested to IP67 and IESNA LM-79-08 standards. LED tested to LM-80 standards. Luminaire and LED tested at 25°C ambient temperature.

**OLIVIO LED suitable for ambient temperatures of 40°C (104°F). Minimum operating temperature of luminaire at -40°C (-40°F)**

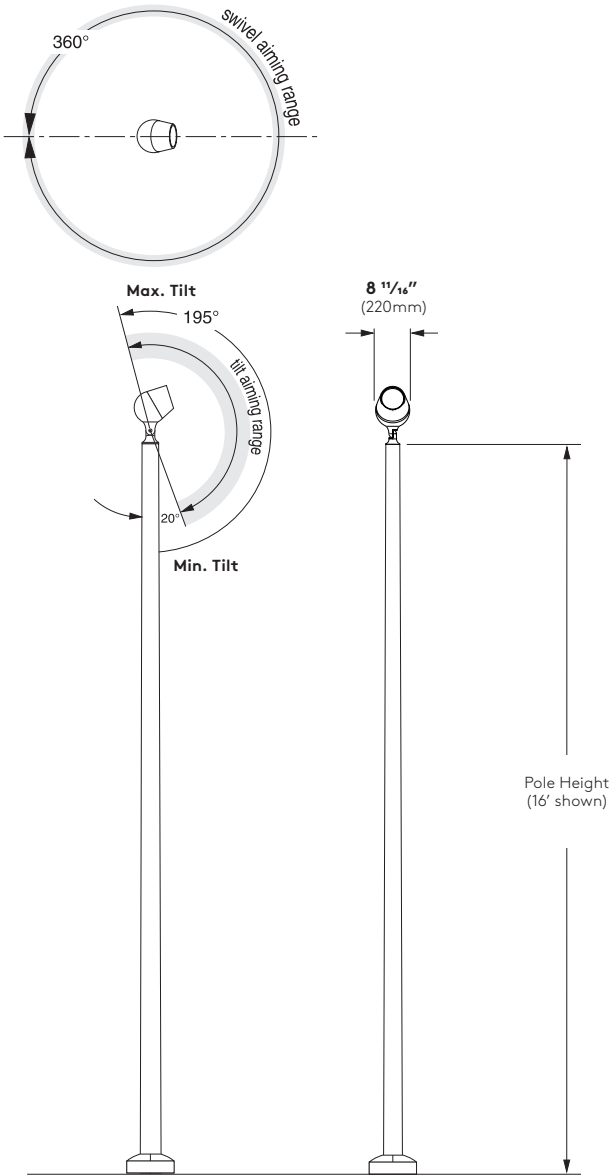
**NRTL Listed for wet location (i.e. UL, CSA).**

**Visit [selux.us](http://selux.us) for our LED End of Life recycling policy.**

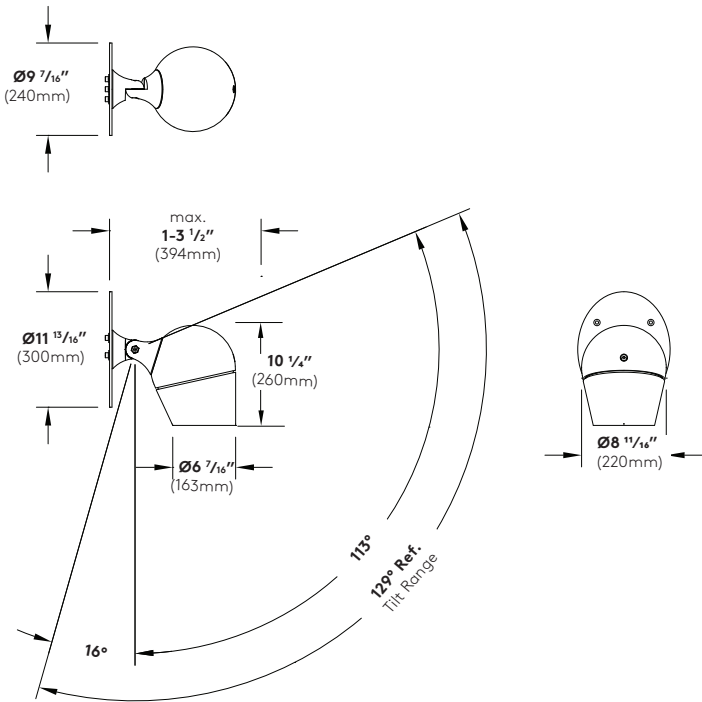
**For Buy American compliance on poles, please consult the factory.**

Mounting

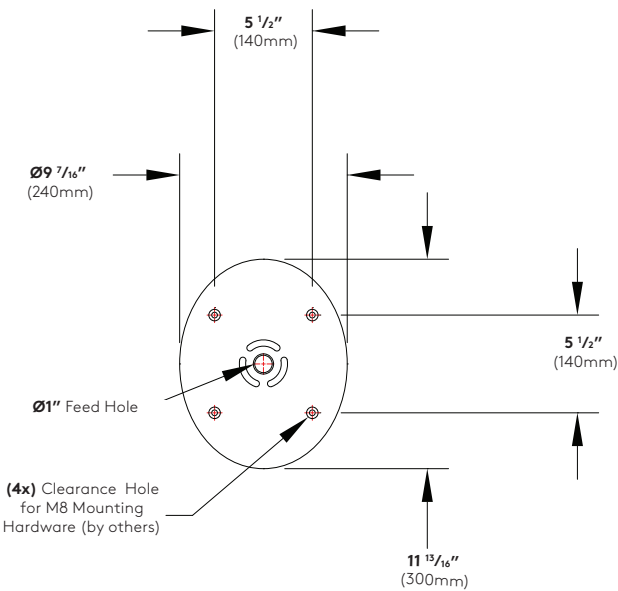
Single Pole Top (T1)  
EPA = 0.5 ft² (0.05 m²)  
Weight = 17 lbs. (7.7 kg)



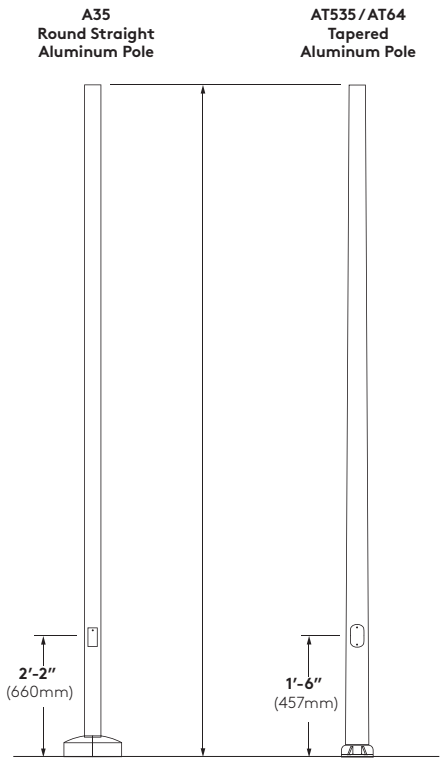
Universal Surface Mounting (U)



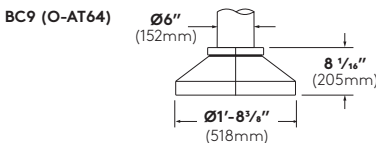
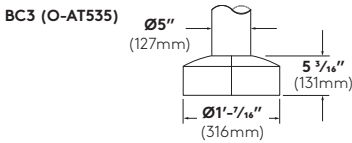
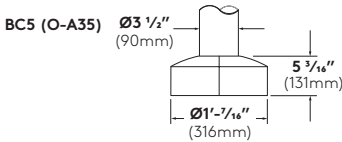
Mounting Plate



Pole Information



**Optional Base Covers for Poles**  
Die cast aluminum, two piece field installable base covers.

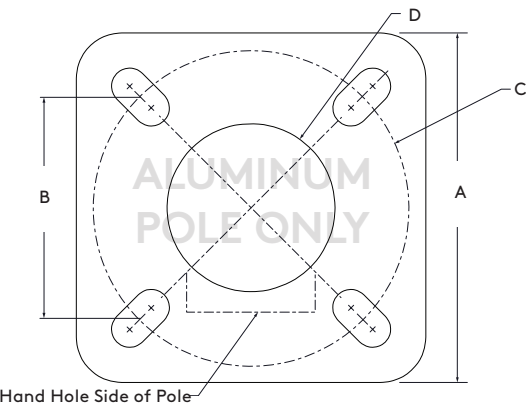


Pole Data Chart

Pole Series	Bolt Circle	Wall	EPA Information / Basic Wind Speed (mph)											Height	Finish	Options
			85	90	100	110	120	130	140	150	160	170	180			
<b>O-A35-197</b> 3 ½" Round Straight Aluminum Pole	7 ¾"	0.197"	5.4	4.7	3.5	2.6	1.9	1.4	1.1	0.8	0.7	0.6	0.4	12 12ft	<b>WH</b> White <b>BK</b> Black <b>BL</b> Semi-Matte Black <b>BZ</b> Bronze <b>SV</b> Silver <b>SP</b> Specify Premium Color	<b>BC3</b> Decorative Cast Aluminum Base Cover (AT535) <b>BC5</b> Decorative Cast Aluminum Base Cover (A35) <b>BC9</b> Decorative Cast Aluminum Base Cover (AT64) <b>REC'</b> GFCI Duplex Receptacle with weatherproof cover <b>REC2'</b> GFCI Duplex Receptacle with weatherproof padlockable in-use cover <b>REC3'</b> USB and GFCI Duplex Receptacle with weatherproof cover <b>REC4'</b> USB and GFCI Duplex Receptacle with weatherproof padlockable in-use cove  'See page 7for details
<b>O-AT535-156</b> 5" to 3 ½" Round Tapered Aluminum Pole	8 ⅝"	0.156"	15.2	13.4	10.5	8.4	6.9	5.8	4.9	4.2	3.6	3.2	2.8			
<b>O-A35-197</b> 3 ½" Round Straight Aluminum Pole	7 ¾"	0.197"	3.8	3.2	2.2	1.5	0.9	0.5	0.3	0.2	0.1	-	-	14 14ft		
<b>O-AT535-156</b> 5" to 3 ½" Round Tapered Aluminum Pole	8 ⅝"	0.156"	12.8	11.2	8.7	6.9	5.5	4.6	3.8	3.3	2.8	2.4	2.1			
<b>O-AT535-156</b> 5" to 3 ½" Round Tapered Aluminum Pole		0.156"	10.5	9.1	6.9	5.4	4.3	3.4	2.9	2.4	2.0	1.7	1.5	16 16ft		
<b>O-AT535-188</b> 5" to 3 ½" Round Tapered Aluminum Pole		0.188"	8.9	7.6	5.7	4.3	3.3	2.6	2.1	1.7	1.4	1.2	1.0	18 18ft		
<b>O-AT535-188</b> 5" to 3 ½" Round Tapered Aluminum Pole		0.188"	7.3	6.2	4.4	3.2	2.3	1.7	1.4	1.1	0.9	-	-	20 20ft		
<b>O-AT635-188</b> 6" to 3 ½" Round Tapered Aluminum Pole	9 ½"	0.188"	7.4	6.2	4.4	3.1	2.2	1.6	1.3	1.0	0.7	-	-	25 25ft		

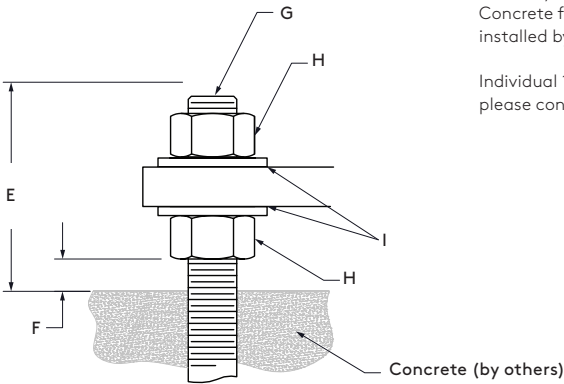
1) Maximum EPA ratings certified in accordance with AASHTO 2013 (LTS-6-13) for 3-s gust wind speeds based on Allowable Stress Design (ASD) analysis  
2) Consult factory for equivalent Load and Resistance Factor Design (LRFD) wind speeds  
3) Rated performance is dependant upon the pole being properly attached to a supporting foundation of adequate design

Mounting Plate Detail



Mounting Plate Details	A Base Plate SQ	B Base Plate SQ	C Base Circle Ø	D Conduit Opening Ø
<b>O-A35-197</b> 3.5" Round Straight Alum Pole	8" (203mm)	5 1/2" (139mm)	7 3/4" (197mm)	3" (76mm)
<b>O-AT535-156</b> 5" to 3.5" Round Tapered Alum Pole	9 5/8" (244mm)	6 1/8" (155mm)	8 5/8" (219mm)	4 5/8" (117mm)
<b>O-AT535-188</b> 5" to 3.5" Round Tapered Alum Pole	9 5/8" (244mm)	6 1/8" (155mm)	8 5/8" (219mm)	4 5/8" (117mm)
<b>O-AT635-188</b> 6" to 3.5" Round Tapered Alum Pole	10 5/16" (262mm)	6 1/16" (171mm)	9 1/2" (241mm)	5 1/2" (140mm)

Anchor Bolt Detail



Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimension shown. Concrete footing and feed conduit to be designed and installed by others.

Individual 1:1 scale drawings for installation available, please consult factory.

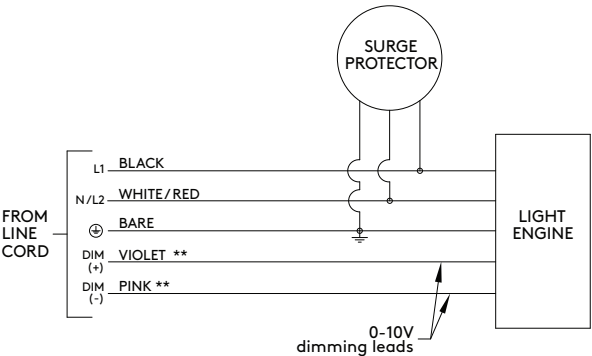
All Hardware is Galvanized

Anchor Bolt Details	E Bolt Projection	F For Leveling	G Anchor Bolt	H Heavy Hex Nut	J Flat Washer
<b>O-A35-197</b> 3.5" Round Straight Alum Pole	3 1/4" (82mm)	1/2" (13mm)	3/4"-10 UNC x 17"	3/4"-10 UNC	3/4" ID
<b>O-AT535-156</b> 5" to 3.5" Round Tapered Alum Pole	3 1/4" (82mm)	1/2" (13mm)	3/4"-10 UNC x 17"	3/4"-10 UNC	3/4" ID
<b>O-AT535-188</b> 5" to 3.5" Round Tapered Alum Pole	3 1/4" (82mm)	1/2" (13mm)	3/4"-10 UNC x 17"	3/4"-10 UNC	3/4" ID
<b>O-AT635-188</b> 6"-3.5" Round Tapered Alum Pole	3 1/2" (89mm)	1/2" (13mm)	3/4"-10 UNC x 17"	3/4"-10 UNC	3/4" ID

Wiring Diagrams

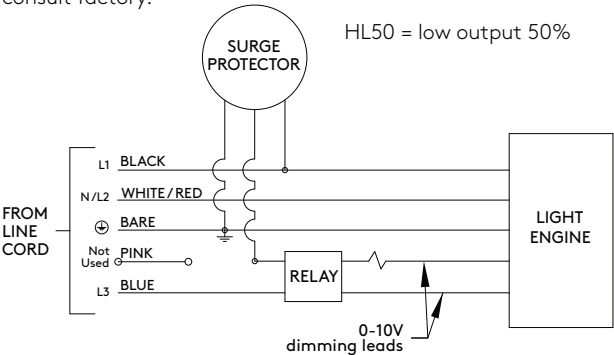
Standard Wiring (120V-277V)

\*\*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.



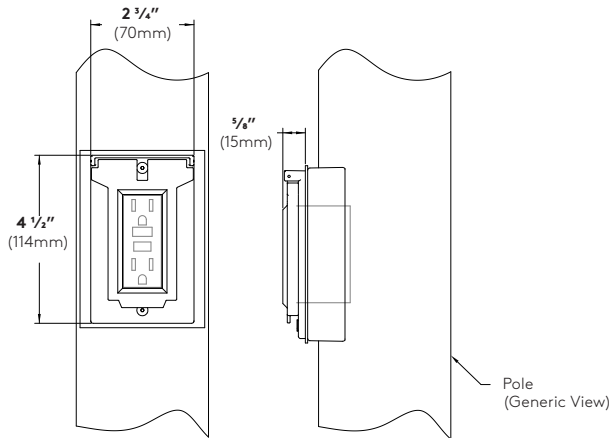
HL50 = low output 50%

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

## Optional Accessories

**DarkSky 0° Tilt Option (DS)** -Luminaire head tilt angle preset and fixed at factory to comply with IDA DarkSky and BUG U0 ratings. IDA DarkSky compliant with 2700K and 3000K CCT only.

### REC and REC3

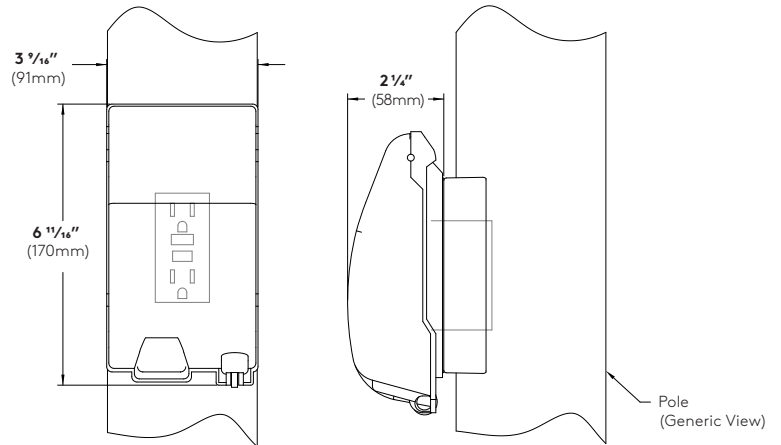


Cover shown in the closed position

**GFCI Duplex Receptacle (REC)** - 120V 15A GFCI duplex receptacle with weatherproof, self-closing cover; located 36" (914mm) 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 & GFCI Duplex Receptacle (REC3)** (not shown) - 120V 15A GFCI duplex receptacle with USB combination ports. (1) USB Type-A and (1) USB Type-C port share 2.0A charging capacity between both ports. Includes weatherproof, self-closing cover; located 36" (914mm) 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.

### REC2 and REC4

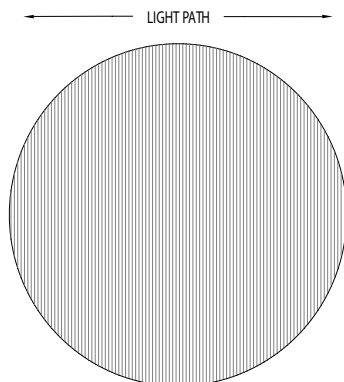


Cover shown in the closed position

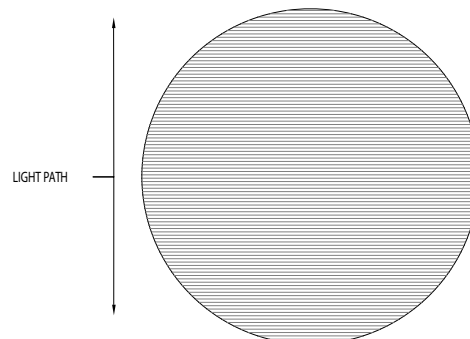
**GFCI Duplex Receptacle (REC2)** - 120V 15A GFCI duplex receptacle with weatherproof, self-closing, padlockable in-use cover; located 36" (914mm) o.c. from base of pole, in-line with hand hole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel (120V only).

**USB & GFCI Duplex Receptacle (REC4)** (not shown) - 120V 15A GFCI duplex receptacle with USB combination ports. (1) USB Type-A and (1) USB Type-C port share 2.0A charging capacity between both ports. Includes weatherproof, self-closing padlockable in-use cover; located 36" (914mm) 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.

**Horizontal Spread Lens (SLH)** - Spread lens for horizontal light distribution. Replaces clear lens and intended to be used with reflectors for S09, F40 or F80 distribution. Preset and fixed at factory.

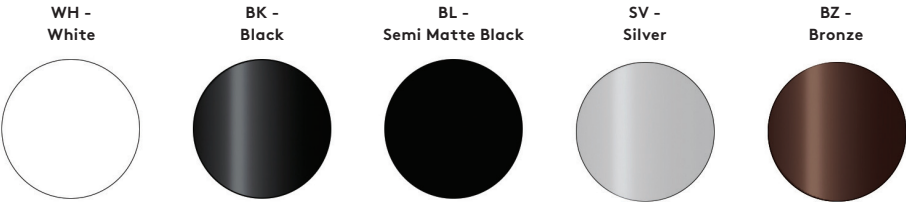


**Vertical Spread Lens (SLV)** - Spread lens for vertical light distribution. Replaces clear lens and intended to be used with reflectors for S09, F40 or F80 distribution. Preset and fixed at factory.



Finish Options

All colors are polyester powder coat paint. Custom color or RAL color available by request that meet AAMA 2604 standard.





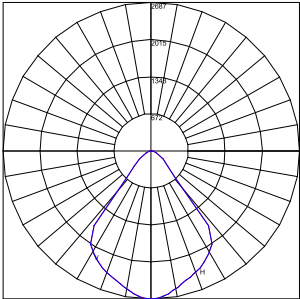
Photometry

F80 / 46W LED / 3000K CCT

Catalog #: OLML-F80-X-2G105-30  
Delivered Lumens: 3941  
Input Watts: 46W  
Maximum candela of 2686.6  
Maximum candela Angle 0H x 0V  
NEMA Classification: 6H x 6V  
Power Factor: 0.990

IES FLOOD REPORT  
PHOTOMETRIC FILENAME : OLML-F80-X-2G105-30-XX-UNV-IES

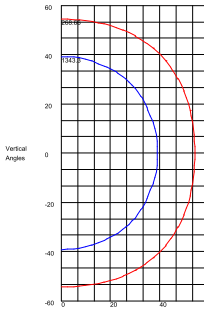
AXIAL CANDELA DISPLAY



Maximum Candela = 2686.6 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

IES FLOOD REPORT  
PHOTOMETRIC FILENAME : OLML-F80-X-2G105-30-XX-UNV-IES

ISOCANDELA CURVES



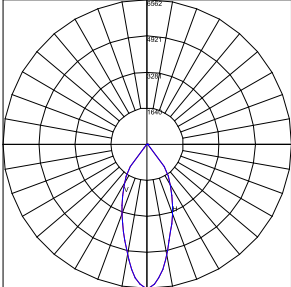
Maximum Candela = 2686.6 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 1343.3  
10% Maximum Candela = 268.66

F40 / 46W LED / 3000K CCT

Catalog #: OLML-F40-X-2G105-30  
Delivered Lumens: 4059  
Input Watts: 46W  
Maximum candela of 6561.5  
Maximum candela Angle 0H x 0V  
NEMA Classification: 5H x 5V  
Power Factor: 0.990

IES FLOOD REPORT  
PHOTOMETRIC FILENAME : OLML-F40-X-2G105-30-XX-UNV-IES

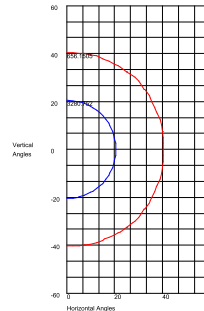
AXIAL CANDELA DISPLAY



Maximum Candela = 6561.505 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

IES FLOOD REPORT  
PHOTOMETRIC FILENAME : OLML-F40-X-2G105-30-XX-UNV-IES

ISOCANDELA CURVES



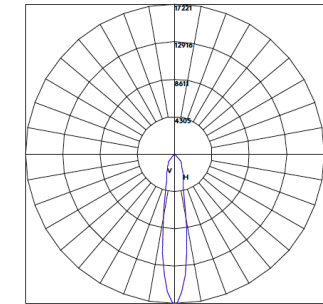
Maximum Candela = 6561.505 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 3280.7525  
10% Maximum Candela = 656.1505

S20 / 46W LED / 3000K CCT

Catalog #: OLML-S20-X-2G105-30  
Delivered Lumens: 4290  
Input Watts: 46W  
Maximum candela of 17221.4  
Maximum candela Angle 0H x 0V  
NEMA Classification: 4H x 4V  
Power Factor: 1.00

IES FLOOD REPORT  
PHOTOMETRIC FILENAME : OLML-S20-X-2G105-30-XX-UNV-IES

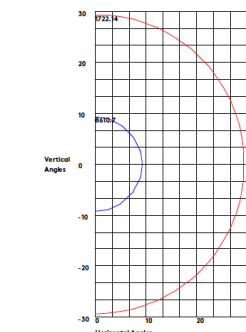
AXIAL CANDELA DISPLAY



Maximum Candela = 17221.4 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

IES FLOOD REPORT  
PHOTOMETRIC FILENAME : OLML-S20-X-2G105-30-XX-UNV-IES

ISOCANDELA CURVES



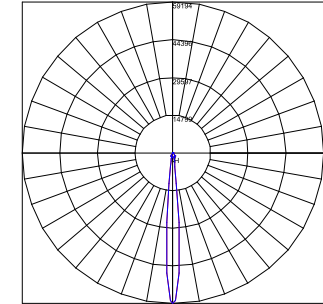
Maximum Candela = 17221.4 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 8610.7  
10% Maximum Candela = 1722.14

S09 / 46W LED / 3000K CCT

Catalog #: OLML-S09-X-2G105-30  
Delivered Lumens: 4074  
Input Watts: 46W  
Maximum candela of 59194.3  
Maximum candela Angle 0H x 0V  
NEMA Classification: 1H x 1V  
Power Factor: 1.0

IES FLOOD REPORT  
PHOTOMETRIC FILENAME : OLML-S09-X-2G105-30-XX-UNV-IES

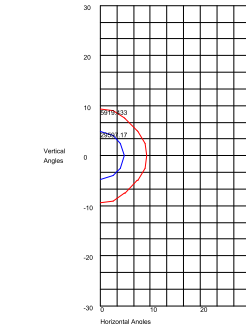
AXIAL CANDELA DISPLAY



Maximum Candela = 59194.333 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

IES FLOOD REPORT  
PHOTOMETRIC FILENAME : OLML-S09-X-2G105-30-XX-UNV-IES

ISOCANDELA CURVES



Maximum Candela = 59194.333 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 29597.1665