



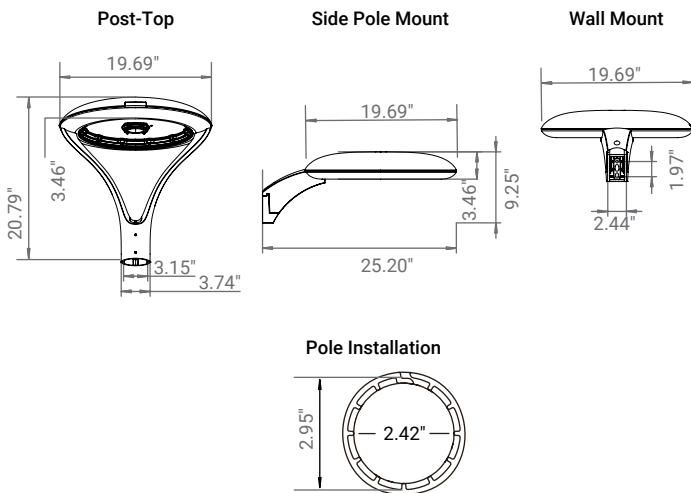
FEATURES

Elevate public and commercial outdoor environments with this architectural post top luminaire—where timeless design meets modern performance. Built for versatility, it features field-selectable multi-lumen and multi-CCT configurations, allowing on-site adaptability to meet the specific demands of any project. Delivering up to 20000 lumens of uniform, glare-free illumination, it's an ideal solution for municipal parks, pedestrian corridors, educational campuses, civic plazas, retail centers, and urban streetscapes.



EASY 2 COLOR
SELECCTOR
4000K • 5000K

DIMENSIONS



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
5000L	5200L	40W
8000L	7800L	60W
10000L	10400L	80W
13000L	13400L	100W
16000L	15600L	120W
20000L	19500L	150W

Based on 4000K, 85+ CRI, Type V Optics. Actual wattage may vary +/-5%

LUMENS	5000L/8000L/10000, 13000L/16000L/20000L
CCT	40K/50K
CRI	85+ Standard
COLOR QUALITY	3-Step MacAdam Ellipse
DIMMING	DIM10 - 0-10% Flicker Free 10% Dimming
MOUNTING	Side Mount (Single or Double Pole Mount), Post-Top Pole Mount, Wall Mount
POLE SIZE	Standard 3" Diameter Pole
CONTROLS	Photocell Sensor (optional), Motion Sensor (optional)
DISTRIBUTION	Type V (Wide), Type III (Rectangular), Type III (Asymmetrical), Type II (Rectangular)
POWER FACTOR	>0.9
FINISH	BZ (Bronze), BK (Black), WH (White), NA (Natural Aluminum), Custom
OPERATING TEMP.	-40°C (-40°F) to 40°C (104°F)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In accordance with IES LM79-08, LM80 and TM-21
POST-TOP EPA	0.543 ft²
SIDE MOUNT EPA	0.381 ft²



OPTICS

A high performance, UV stabilized polymer lens optimizes brightness and light uniformity and minimizes glare while conforming to dark sky requirements.

Luminaire available in 5000L/8000L/10000L or 13000L/16000L/20000L with two selectable color temperatures of 4000K/5000K enable customizable illumination to suit different applications and ambiances.

CCT factory set to 50K at 10000L or 20000L.

CONSTRUCTION

Features a rugged, die cast aluminum housing sealed completely against moisture and contaminants to suit outdoor applications. Thermally conductive LED panel and electrical channel prevent overheating, optimize performance, and extend life.

Suitable for applications requiring 3G vibration testing prescribed by ANSI C136.31, such as traffic heavy overpasses.

MOUNTING

Designed for post mounting to provide uniform, widespread illumination. Recommended for mounting heights between 8 ft and 16 ft for optimal performance.

Optional single and double post mount designed to fit a 3" round pole.

Optional wall mount. Wall bracket sold separately.

OPTIONS & ACCESSORIES

Separately Sold: Factory installed photocell sensor option (PHC)

Detects changing light levels and saves energy by automatically turning fixture off during the day.

Eligible for Buy American Act Certification.

• Separately Sold: Factory installed 3-pin or 5-pin motion sensors.

(OPL-MS-PSUNVB1-3PIN or OPL-MS-PSUNVB1-5PIN)

• Separately Sold: Bi-level Motion Sensor in White (MS). Sensor ready, plug-and-play.

• Separately Sold: Bi-level Motion Sensor White (FSP-321B-L3)

• Separately Sold: Emergency option (EMG10W)

• Separately Sold: 10SPD (10KVSPD)

• Standard: 4KVSPD

DIMMING & DRIVER INFORMATION

Powered by high-quality constant-current LED drivers which are rated for 50 to 60Hz at 120/347V input. Produces less than 20% THD, and have a power factor of 0.90 to 1.00.

DIM10 - Flicker Free 10% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120/347V.

WARRANTY

5-year warranty for parts and components (labor not included).

LISTING

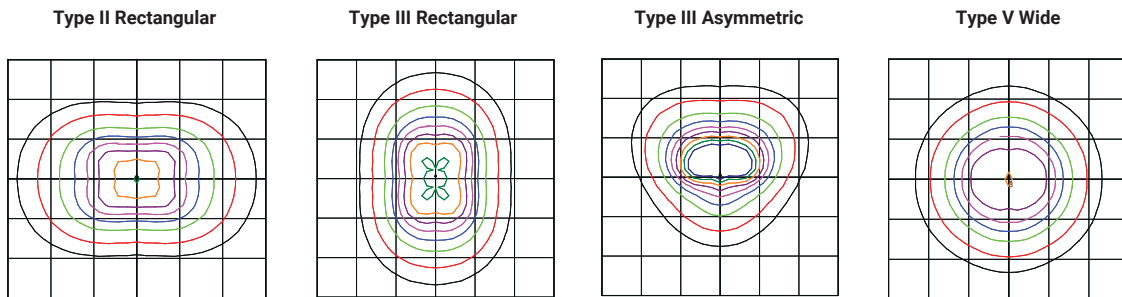
ETL certified.

IP65 rated and suitable for outdoor wet location use.

RoHS compliant – Contains no mercury or lead.

DLC Premium listed.

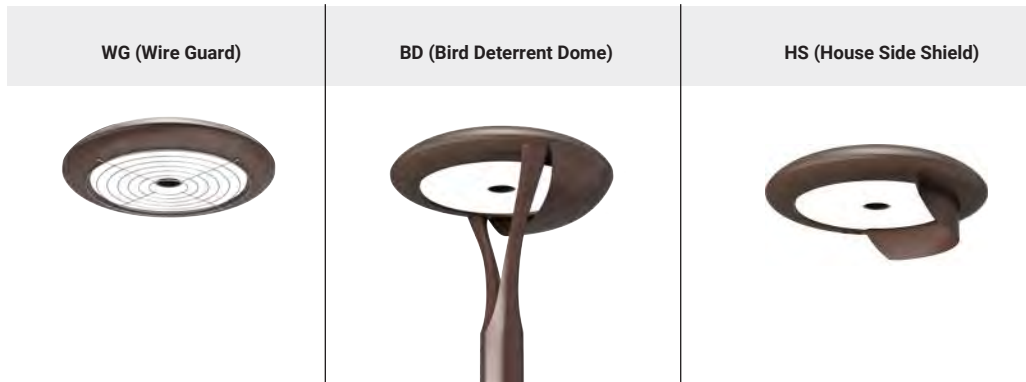
OPTICS



Example: **OPL-105-LED-5000L/8000L/10000L-DIM10-120-347V-40K/50K-T5W-TAM-BZ**

SERIES	LUMENS	DIMMING	VOLTAGE	CCT	DISTRIBUTION	MOUNTING	FINISH	ACCESSORIES	OPTIONS
OPL-105-LED	5000L/8000L/10000L 13000L/16000L/20000L	DIM10 0-10V Dimming	120-347V	40K/50K	T5W - Type V Wide T3R - Type III Rectangular T3A - Type III Asymmetric T2R - Type II Rectangular	PTM - Post Mount TAM - Twin Arm Mount SAM - Side Arm Mount WAM - Wall Mount Bracket	BZ - Bronze BK - Black WH - White NA - Natural Aluminum CC - Custom RAL	(Blank Without Function) WG - Wire Guard HS - House Side Shield	(Blank Without Function) OPL-MS-PSUNVB1-3PIN OPL-MS-PSUNVB1-5PIN MS - Motion Sensor FSP-321B-L3 - Bi-level Motion Sensor White EMG10W - Emergency Option 10SPD - 10KVSPD

ACCESSORIES



Wall Mount

Post-Top Mount

Side Pole Mount

Twin Side Pole Mount

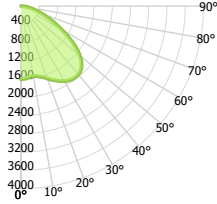


OPL-105-LED-5000L-8000L-10000L-DIM10-120-347V-40K-50K-T2R-TAM-BZ

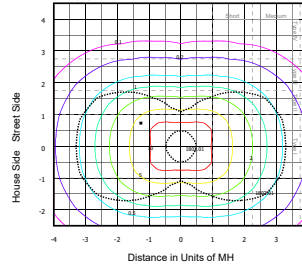
 TEST NO.: **EL05092532**

 INPUT WATTS: **77.5**

 LUMENS: **10762**

 EFFICACY: **139**
CANDELA DISTRIBUTION

CANDELA TABLE

	0°	90°
0°	1603	1603
10°	1564	1522
20°	1689	1628
30°	1899	1991
40°	1955	2431
50°	1678	2974
60°	1027	3432
70°	492	2360
80°	164	769
90°	5	93

ROADWAY ISO-ILLUMINANCE

ZONAL LUMEN SUMMARY

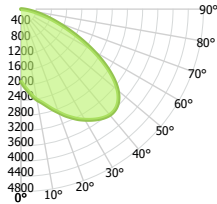
ZONE	UMENS	% LUMINAIRE
0° - 20°	595	6%
0° - 30°	1435	13%
0° - 40°	2816	26%
0° - 60°	7227	67%
0° - 80°	10239	95%
0° - 90°	10507	98%

OPL-105-LED-5000L-8000L-10000L-DIM10-120-347V-40K-50K-T3A-TAM-BZ

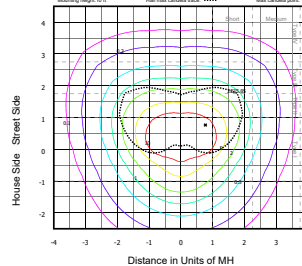
 TEST NO.: **EL05092532**

 INPUT WATTS: **74.7**

 LUMENS: **9359**

 EFFICACY: **125**
CANDELA DISTRIBUTION

CANDELA TABLE

	0°	90°
0°	1913	1913
10°	2420	1780
20°	2889	2023
30°	3360	2543
40°	3634	2773
50°	3321	2307
60°	2201	1384
70°	991	632
80°	263	193
90°	0	0

ROADWAY ISO-ILLUMINANCE

ZONAL LUMEN SUMMARY

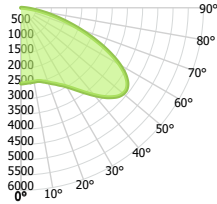
ZONE	UMENS	% LUMINAIRE
0° - 20°	728	8%
0° - 30°	1771	19%
0° - 40°	3377	36%
0° - 60°	7334	78%
0° - 80°	9251	99%
0° - 90°	9359	100%

OPL-105-LED-13000L-16000L-20000L-DIM10-120-347V-40K-50K-T5W-TAM-BZ

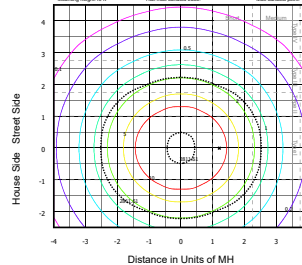
 TEST NO.: **EL05092532**

 INPUT WATTS: **143.6**

 LUMENS: **17360**

 EFFICACY: **121**
CANDELA DISTRIBUTION

CANDELA TABLE

	0°	90°
0°	2490	2490
10°	2468	2374
20°	2610	2636
30°	2985	3366
40°	3747	4709
50°	4388	5626
60°	3752	4654
70°	2054	2449
80°	616	664
90°	0	0

ROADWAY ISO-ILLUMINANCE

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	935	5%
0° - 30°	2259	13%
0° - 40°	4563	26%
0° - 60°	12403	71%
0° - 80°	17100	99%
0° - 90°	17360	100%