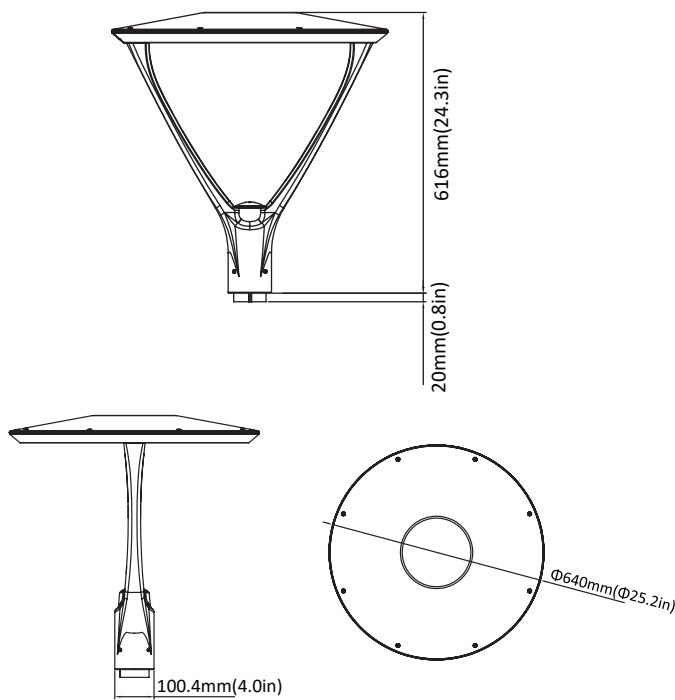




DIMENSIONS



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
15000	9500	65W
10000	5600	38W
8000	3800	26W
5000	5400	45W

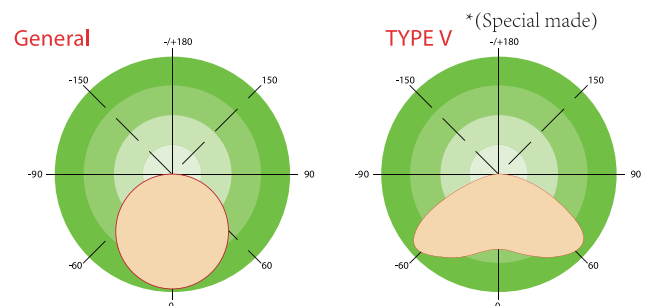
Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%
Selected CCT only available in 15000L/ 130W

FEATURES

- Show off urban style by the simple shape and the solid material.
- Efficiency higher than 120 lm/W with zero uplight while consumes 45W, 70W, 87W, 130W.
- Optional for single and double arm mounting.
- Install on poles which top diameter limited to 2-3/8" or 3".
- Suitable for installation heights of 8-20 feet.
- 1-10V dimming and projected over 50,000 hrs life span.
- Operating temperature is -40° to 45°(-40° to 113°).
- UL/cUL wet location and DLC premium.

LUMENS	5000L/8000L/11000L/16000L
CCT	30K/40K/50K
CRI	80+ Standard
COLOR QUALITY	3 Step MacAdam Ellipse
MOUNTING	Surface
DIMMING	Dim10 (0-10 dimming)
FINISH	Dark Bronze, White, Black
WORKING TEMPERATURE	-40°C to 40°C (-40°F - + 104°F)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

PHOTOMETRICS



OPTICS

- Adjustable color temperature (3000K&4000K&5000K).
- Scalable Lumen Packages from 14,800 Lumens.
- Anti-UV prismatic translucent len is designed to shape the light distribution and uniformity

CONSTRUCTION

- Sealed die-casting profile for outdoor applications.
- Casting thermally conducts LED heat to optimize performance and long life.
- Suitable for applications requiring 3G testing prescribed by ANSI C136.31.

MOUNTING

Wall mounted for area light delivering uniform, widespread high output.

OPTIONS & ACCESSORIES

Options and Accessories

Optional emergency battery back-up (EMG) option for emergency egress lighting

Optional photocell (PHC) detects changing light levels and saves energy by turning off during the day

DRIVER ELECTRICAL INFORMATION

- Universal 120-277 VAC input voltage.
- 1-10V Dimming.
- Both drivers have a power factor >90%, THD <20%.
- Operating Temperature Range: -40°C to 40°C (-40°F - + 104°F).

WARRANTY

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

LISTING

c-UL-us Listed for Feed Through Wiring.
Listed for DLC, California Title 24 compliant.

ACCESSORIES

Optional



PIR Motion Sensor, 120-277V
USE: Sensro can be pre-installed in factory or field installed



Photocell-120-277V
USE: Photocell is field installed

Example: **OPL-101-LED-5000L/8000L/11000L/16000L-DIM10-MVOLT-30K/40K/50K-GD-BZ**

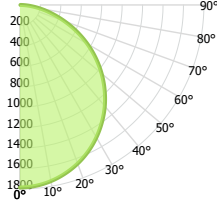
OPL-101-LED						
SERIES	LUMENS	DIMMING	MVOLT	CCT	FINISH	OPTION
OPL-101-LED	5000L 8000L 11000L 16000L	DIM10 - 0-10V Dimming	MVOLT	30K/40K/50K	WH - White BK - Black BZ - Bronze	PHC - Photocell EMG - Emergency MS -Motion Sensor PIR - PIR Sensor

OPL-101-LED-5000L-8000L-10000L-15000L-DIM10-MVOLT-30K-40K-50K-GD-BZ(5000L)

TEST NO.: **EL08212339**

INPUT WATTS: **39.4** LUMENS: **5137** EFFICACY: **130** BEAM ANGLE: **112** SPACING CRITERIA: **1.24**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	1786	1786
10°	1750	1742
20°	1651	1642
30°	1496	1486
40°	1292	1280
50°	1043	1035
60°	762	754
70°	463	449
80°	200	183
90°	5	6

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	6120	6120
45.00°	5676	5631
55.00°	5409	5367
65.00°	4965	4881
75.00°	4266	4023
85.00°	3502	3233

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	179
10° - 20°	483
20° - 30°	732
30° - 40°	883
40° - 50°	917
50° - 60°	827
60° - 70°	627
70° - 80°	363
80° - 90°	121

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	662	13%
0° - 30°	1394	27%
0° - 40°	2277	44%
0° - 60°	4022	78%
0° - 80°	5011	98%
0° - 90°	5132	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	49.6 fc	17.9 ft	17.9 ft
8.0 ft	27.9 fc	23.9 ft	23.9 ft
10.0 ft	17.9 fc	29.9 ft	29.8 ft
12.0 ft	12.4 fc	35.9 ft	35.8 ft
14.0 ft	9.1 fc	41.9 ft	41.8 ft
16.0 ft	7.0 fc	47.9 ft	47.7 ft
18.0 ft	5.5 fc	53.8 ft	53.7 ft
20.0 ft	4.5 fc	59.8 ft	59.7 ft

INDOOR COEFFICIENTS OF UTILIZATION

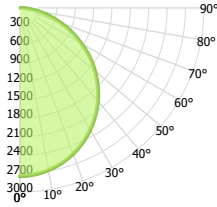
pf	20%																0%		
	pc	80%				70%				50%				30%				10%	0%
	pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	106	102	102	102	100
1	109	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83	
2	99	90	83	77	96	88	82	77	85	79	75	81	77	73	78	75	71	69	
3	90	79	71	64	87	78	70	64	75	68	63	72	66	61	69	64	60	58	
4	82	70	61	54	80	69	60	54	66	59	53	64	58	53	62	56	52	50	
5	76	63	54	47	73	61	53	47	59	52	46	57	51	45	55	50	45	43	
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	37	
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33	
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30	
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27	
10	53	39	32	26	51	39	31	26	38	31	26	37	31	26	36	30	26	24	

OPL-101-LED-5000L-8000L-10000L-15000L-DIM10-MVOLT-30K-40K-50K-GD-BZ(8000L)

TEST NO.: **EL08212339**

INPUT WATTS: **63.5** LUMENS: **7912** EFFICACY: **125** BEAM ANGLE: **113** SPACING CRITERIA: **1.24 x 1.24**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2744	2744
10°	2686	2677
20°	2533	2524
30°	2294	2289
40°	1979	1973
50°	1596	1593
60°	1155	1163
70°	705	709
80°	303	291
90°	10	25

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	9403	9403
45.00°	8696	8673
55.00°	8278	8262
65.00°	7581	7588
75.00°	6472	6446
85.00°	5436	5882

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	275
10° - 20°	742
20° - 30°	1126
30° - 40°	1359
40° - 50°	1411
50° - 60°	1273
60° - 70°	967
70° - 80°	562
80° - 90°	189

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1017	13%
0° - 30°	2142	27%
0° - 40°	3501	44%
0° - 60°	6186	78%
0° - 80°	7715	98%
0° - 90°	7904	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	76.2 fc	18.0 ft	18.0 ft
8.0 ft	42.9 fc	24.0 ft	23.9 ft
10.0 ft	27.4 fc	30.0 ft	29.9 ft
12.0 ft	19.1 fc	36.0 ft	35.9 ft
14.0 ft	14.0 fc	42.0 ft	41.9 ft
16.0 ft	10.7 fc	48.0 ft	47.9 ft
18.0 ft	8.5 fc	54.0 ft	53.9 ft
20.0 ft	6.9 fc	60.0 ft	59.9 ft

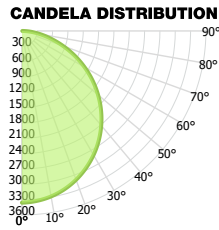
INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%		
	pc	80%				70%				50%				30%				10%	0%
	pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	106	102	102	102	100
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83	
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69	
3	90	79	71	64	87	77	70	64	74	68	62	72	66	61	69	64	60	58	
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7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33	
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	29	
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26	
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	

OPL-101-LED-5000L-8000L-10000L-15000L-DIM10-MVOLT-30K-40K-50K-GD-BZ(10000L)

TEST NO.: **EL08212339**

INPUT WATTS: **80.8** LUMENS: **9685** EFFICACY: **120** BEAM ANGLE: **112** SPACING CRITERIA: **1.24**



CANDELA TABLE

	0°	90°
0°	3360	3360
10°	3288	3271
20°	3098	3083
30°	2802	2789
40°	2414	2408
50°	1944	1944
60°	1414	1419
70°	855	865
80°	366	364
90°	7	31

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	11514	11514
45.00°	10605	10586
55.00°	10068	10081
65.00°	9204	9259
75.00°	7830	7983
85.00°	6641	7145

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	337
10° - 20°	908
20° - 30°	1377
30° - 40°	1662
40° - 50°	1726
50° - 60°	1559
60° - 70°	1184
70° - 80°	691
80° - 90°	233

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1245	13%
0° - 30°	2621	27%
0° - 40°	4283	44%
0° - 60°	7567	78%
0° - 80°	9442	97%
0° - 90°	9675	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	93.3 fc	18.0 ft	17.9 ft
8.0 ft	52.5 fc	24.0 ft	23.9 ft
10.0 ft	33.6 fc	30.0 ft	29.8 ft
12.0 ft	23.3 fc	36.0 ft	35.8 ft
14.0 ft	17.1 fc	42.0 ft	41.8 ft
16.0 ft	13.1 fc	48.0 ft	47.7 ft
18.0 ft	10.4 fc	53.9 ft	53.7 ft
20.0 ft	8.4 fc	59.9 ft	59.7 ft

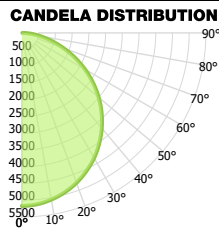
INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%	
		80%				70%				50%				30%					
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83	
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69	
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9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26	
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	

OPL-101-LED-5000L-8000L-10000L-15000L-DIM10-MVOLT-30K-40K-50K-GD-BZ(15000L)

TEST NO.: **EL08212339**

INPUT WATTS: **136.9** LUMENS: **14934** EFFICACY: **109** BEAM ANGLE: **112** SPACING CRITERIA: **1.24 x 1.24**



CANDELA TABLE

	0°	90°
0°	5174	5174
10°	5060	5081
20°	4768	4784
30°	4316	4332
40°	3713	3734
50°	2994	3020
60°	2175	2215
70°	1315	1355
80°	564	595
90°	13	65

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	17727	17727
45.00°	16315	16432
55.00°	15488	15667
65.00°	14152	14475
75.00°	12063	12550
85.00°	10329	11941

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	519
10° - 20°	1399
20° - 30°	2122
30° - 40°	2561
40° - 50°	2658
50° - 60°	2400
60° - 70°	1826
70° - 80°	1069
80° - 90°	364

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1918	13%
0° - 30°	4040	27%
0° - 40°	6602	44%
0° - 60°	11660	78%
0° - 80°	14554	97%
0° - 90°	14919	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	143.7 fc	18.0 ft	18.0 ft
8.0 ft	80.8 fc	24.0 ft	24.0 ft
10.0 ft	51.7 fc	30.0 ft	30.0 ft
12.0 ft	35.9 fc	36.0 ft	36.1 ft
14.0 ft	26.4 fc	42.0 ft	42.1 ft
16.0 ft	20.2 fc	47.9 ft	48.1 ft
18.0 ft	16.0 fc	53.9 ft	54.1 ft
20.0 ft	12.9 fc	59.9 ft	60.1 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%	
		80%				70%				50%				30%					
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83	
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69	
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10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	