

OFL-SL Series

LED Mini Slimline Floodlight Series

up to 45W / up to 5400 Lumens

Catalog Number:

Project Name:

Note:

Type:



APPLICATIONS:

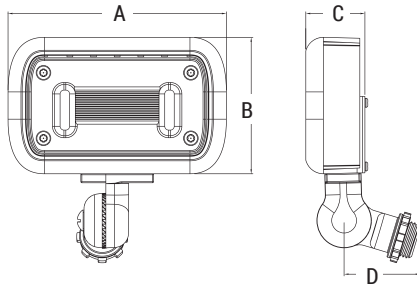
The LED Slimline flood light is the perfect fixture for illuminating landscaping and building accents. With its compact design you are able to put the light where you need it. The extremely efficient long-lasting LEDs come in three color temperatures and are encased in a rugged aluminum housing with a polycarbonate lens and UV resistant powder coat to protect it from the elements.

FEATURES:

- Rugged aluminum housing with UV resistant powder coat finish offers outstanding corrosion protection
- LED driver MVOLT 120-277V
- Lumen output of 5400 lm with efficacy of 100 lm/W
- Fixtures are IP66 rated and suitable for use in ambients from -40°C to 45°C (-40°F to 113°F)
- UL Wet location listed
- DLC qualified**

LENS:

Polycarbonate lens suitable for outdoor use with respect to exposure to ultraviolet light, water exposure, and immersion.



SPECIFICATIONS:

LUMENS 1500 / 3000 / 5400 lumens

WATTAGE 15W / 30W / 45W

CCT 30K, 40K, 50K

CRI 70

VOLTAGE 120-277 VAC

POWER FREQUENCY 50/60 Hz

FINISH Bronze

APPLICABLE ENVIRONMENT Dry/Damp/Wet location

SERIES	A	B	C	D
OFL-SL-102-LED	4.72"	2.95"	1.27"	1.64"
OFL-SL-202-LED	7.08"	4.42"	1.61"	1.64"
OFL-SL-302-LED	8.26"	5.15"	2"	1.64"



** For list of qualified DLC fixture, please consult factory

Ordering Guide > Example: OFL-SL-302-LED-5400L-MVOLT-40K-BZ

SERIES	VOLTAGE	CCT	FINISH
OFL-SL-102-LED-1500L OFL-SL-202-LED-3000L OFL-SL-302-LED-5400L	MVOLT - 120/277V	30K - 3000K 40K - 4000K 50K - 5000K	BZ - Bronze

** DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

Submittal form is available @ www.oraclelighting.com
Tel: 323-888-1973 • Fax: 323-888-1977

Specifications and Dimensions
subject to change without notice.

Issued-B1118-Rev. 1

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OFL-SL-102-LED-1500L-MVOLT-40K-BZ

INPUT WATTS: **15.4**

LUMENS: **1547**

CRI: **85**

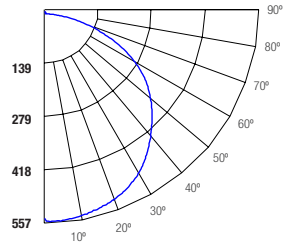
EFFICACY: **100**

CCT: **4000K**

TEST NO.: **EL11111916**

SPACING CRITERIA: **1.36**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	199.68	12.90	12.90
0-30	423.72	27.40	27.40
0-40	690.43	44.60	44.60
0-60	1199.66	77.60	77.60
0-80	1487.74	96.20	96.20
0-90	1525.08	98.60	98.60

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	69760	62454	48970
55	71426	57814	42350
65	69703	51788	38103
75	60254	45010	35497
85	47028	45920	40976

Lumens Per Zone

Zone	Lumens
0-10	51.72
10-20	147.96
20-30	224.04
30-40	266.70
40-50	270.02
50-60	239.22
60-70	181.72
70-80	106.37
80-90	37.34

Candela Tabulation

0	0
0	549.269
5	555.450
15	543.590
25	518.970
35	473.130
45	408.700
55	339.440
65	244.070
75	129.210
85	33.960
90	10.570

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Cone of Light			
2	137	7.5	4.1
4	34.3	15	8.1
6	15.3	22.5	12.2
8	8.58	30	16.2
10	5.49	37.6	20.3
12	3.81	45.1	24.4
(FT.) Distance to Plane	(FC.) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

RC	RW	80%				70%				50%				30%				10%				0%			
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99						
	1	108	103	99	95	105	101	97	93	96	93	90	92	90	87	88	86	84	82						
	2	98	90	83	77	96	88	82	76	84	79	74	81	76	72	78	74	71	68						
	3	90	79	71	64	87	77	70	64	74	68	62	71	66	61	69	64	60	58						
	4	82	70	61	55	80	69	61	54	66	59	53	64	57	52	61	56	51	49						
	5	76	63	54	47	73	61	53	47	59	52	46	57	51	45	55	49	45	43						
	6	70	56	48	41	68	55	47	41	53	46	40	52	45	40	50	44	39	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	29						
	9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27						
	10	53	40	32	26	51	39	31	26	38	31	26	37	31	26	36	30	26	24						

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance