

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
5000	5207	40 W

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

FEATURES

The OWS-FC-202-LED-UD is an architectural LED wall sconce providing both up- and downlighting for a dynamic combination of ambient lighting and area lighting suitable. The OWS-FC-202-LED-UD has a curved, low-profile design that complements contemporary interiors and a durable, corrosion-resistant construction suitable for outdoor applications. The OWS is wet location rated and full cutoff meets Dark Sky requirements. Stainless steel mounting hardware and an enclosed-and-gasketed silicon construction protects from dust, corrosion, and environments prone to moisture – making the OWS the choice for robust, long-lasting, efficient wallwash and façade lighting. A 50W power consumption replaces 200W MH. Available in four finishes and two optical configurations: up/downlight and standard downlight.

LUMENS	500 up / 5000 down
CCT	40K, 50K
CRI	70+ Standard
COLOR QUALITY	3 Step MacAdam Ellipse
MOUNTING	Surface
DIMMING	DIM10 (0-10 dimming)
FINISH	Black, Silver, White, Bronze
WORKING TEMPERATURE	-30°C to 40°C (-22°F to 104°F)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

CONSTRUCTION

Die-cast aluminum construction with tempered clear glass lens complete with stainless steel mounting hardware. Enclosed-and-gasketed silicon construction protects from dust, corrosion, and environments prone to moisture. Chip- and fade-resistant powder-coat finish is available in four colors.

UL wet location listed for indoor and outdoor use.

UP- AND DOWNLIGHTING

Provides both up- and downlighting for delivering ambient uplighting as well as wide, general illumination ideal for walkways and other large outdoor areas.

OPTICS

High-impact UV-stabilized polycarbonate lens provides uniform illumination and high output. Type II distribution – area lighting used for wide walkways, ramps and entrance roadways, jogging paths, and other larger areas typically near roadside.

MOUNTING

Wall mounted for area light the option for ambient uplighting, delivering uniform, widespread high output. Can be mounted either upward or downward to achieve multiple optical effects.

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

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input. Produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING & DRIVER INFORMATION

DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120 or 277.

WARRANTY

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

LISTING

cULus Listed
Wet Location Listed
Dark Sky Compliant

Example: **OWS-FC-202-LED-UD-5000L-DIM10-MVOLT-40K-BZ**

OWS-FC-202-LED-UD						
SERIES	LUMENS	DIMMING	VOLTAGE	CCT	FINISH	OPTION
Wall Mount Wall Pack	5000L	DIM10 - 0-10V Dimming	MVOLT	40K 50K	BK - Black WH - White SI - Silver BZ - Bronze	PHC - Photocell EMG - Emergency

NOTE: 500L UP LIGHT

OWS-FC-202-LED-UD-5000L-DIM10-MVOLT-40K-BK

INPUT WATTS: 40

LUMENS: 5207

CRI: 70

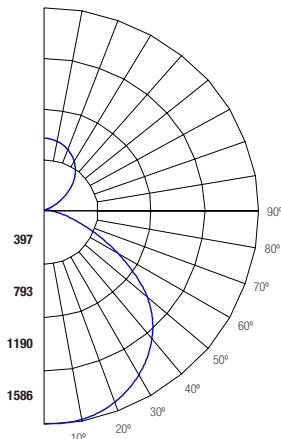
EFFICACY: 130

CCT: 4000K

TEST NO.: **EL091867**

SPACING CRITERIA: **1.38**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	580.72	11.2	11.2
0-30	1235.93	23.7	23.7
0-40	2023.4	38.9	38.9
0-60	3424.75	65.8	65.8
0-80	3927.86	75.4	75.4
0-90	3958.1	76	76

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	28455	26974	24953
55	25560	24741	21310
65	21263	18513	13477
75	17731	10840	7057
85	15718	6566	1425

Lumens Per Zone

Zone	Lumens
0-10	149.88
10-20	430.85
20-30	655.2
30-40	787.47
40-50	779.3
50-60	622.05
60-70	360.77
70-80	142.34
80-90	30.23

Candela Tabulation

0	0
0.0	1581.2
5.0	1583.2
15.0	1548.5
25.0	1462
35.0	1322.4
45.0	1122.6
55.0	817.98
65.0	501.38
75.0	256.05
85.0	76.435
90.0	7.107

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	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%
0	113	113	113	113	108	108	108	108	98	98	98	89	89	89	80	80	80	80	80	80	76	76	76	76
1	104	100	97	93	99	96	92	89	87	85	82	79	77	76	72	71	69	66	66	66	66	66	66	66
2	96	88	82	77	91	84	79	75	77	73	69	70	67	64	64	62	59	56	56	56	56	56	56	56
3	88	78	71	65	83	75	68	63	69	63	59	63	58	55	57	54	51	48	48	48	48	48	48	48
4	80	70	62	56	76	67	59	54	61	55	51	56	51	47	52	48	44	42	42	42	42	42	42	42
5	74	62	54	48	70	60	52	47	55	49	44	51	45	41	47	42	39	36	36	36	36	36	36	36
6	68	56	48	42	65	54	46	41	50	43	39	46	41	36	42	38	34	32	32	32	32	32	32	32
7	63	51	43	37	60	49	41	36	45	39	34	42	36	32	39	34	31	28	28	28	28	28	28	28
8	59	46	38	33	56	45	37	32	41	35	31	38	33	29	36	31	27	25	25	25	25	25	25	25
9	55	42	35	30	52	41	34	29	38	32	28	35	30	26	33	28	25	23	23	23	23	23	23	23
10	52	39	32	27	49	38	31	26	35	29	25	33	27	24	30	26	23	21	21	21	21	21	21	21

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance