

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
3000	2656	19W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

FEATURES

The OWVS LED Vapor Tight is a wet location luminaire designed to withstand exposure to harsh weather and areas where water might be a hazard. Qualifies as emergency lighting, which lights a safe path of egress for evacuation. Shallow, lightweight design permits quick, easy installation. A wide beam spread and excellent glare control make it perfect for a number of egress lighting applications. Complies with building and safety codes to safely light parking garages, schools, car washes, corridors, hallways, stairways, food processing, cold storage, and other industrial facilities.

LUMENS	3000L
CCT	40K, 50K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
LENGTH	2', 4' or 8'
MOUNTING	Surface
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L output
LIFETIME	L70 at 100,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



MAINTENANCE

Two-piece, snap-together design for fast, easy installation. Simple two-piece design consists of housing and optical assembly to streamline installation process.

OPTICS

Frosted lens is easy to install with clips that secure lens to housing and ensure vapor-tight operation. Frosted lens prevents discoloration and allows for maximum glare control.

MOUNTING

Suitable for suspension by V-hook or surface mounting. All required hardware is included (less chain, cable).

CONSTRUCTION

One-piece, durable fiberglass housing. Continuous one-piece gasket provides airtight seal, keeping out condensation, humidity, dirt, and dust. Stainless steel latches securely attach to the housing, keeping the housing and lens securely in place.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers rated for 50 to 60Hz at 120/277V input. Available in 347V, produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING & DRIVER INFORMATION

DIM10 - Flicker Free 10% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277 or 347V.

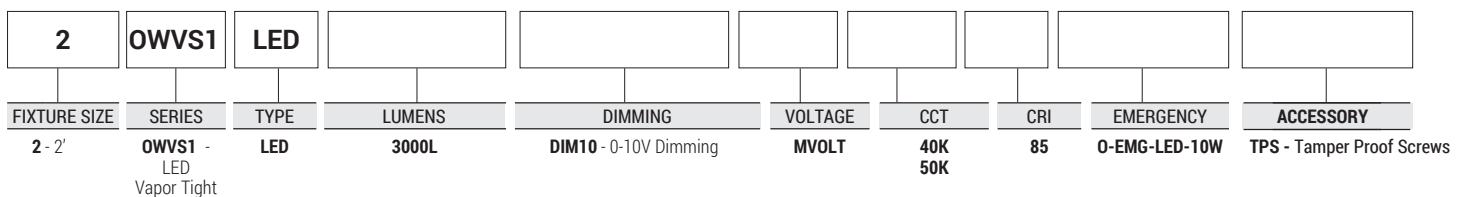
WARRANTY

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

LISTINGS

UL/C-UL listed to US and Canadian standard
IP65 Rated
ANSI/UL 8750
ANSI/UL 1598
DLC listed

Example: **2-OWVS1-LED-3000L-DIM10-MVOLT-40K-85**



2-OWVS1-LED-3000L-DIM10-MVOLT-40K-85

TEST NO.: **EL10152090**

INPUT WATTS: **19**

LUMENS: **2656**

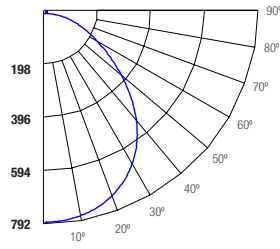
CRI: **85**

EFFICACY: **136**

CCT: **4000K**

SPACING CRITERIA: **1.38**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	286.14	10.8	10.8
0-30	606.88	22.9	22.9
0-40	994.59	37.5	37.5
0-60	1786.69	67.3	67.3
0-80	2341.6	88.2	88.2
0-90	2480.3	93.4	93.4

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	16820	16065	15159
55	17427	16154	14487
65	18819	16798	13643
75	22592	19115	12291
85	44402	34299	10707

Lumens Per Zone

Zone	Lumens
0-10	74.15
10-20	211.99
20-30	320.75
30-40	387.7
40-50	408.04
50-60	384.06
60-70	321.99
70-80	232.9
80-90	138.71

Candela Tabulation

0	0
0	784.512
5	782.99
15	755.78
25	705.02
35	634.58
45	552.98
55	464.75
65	369.79
75	271.87
85	179.93
90	142.21

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				30%				10%				0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	96	93		
1	105	100	95	91	102	97	92	88	91	88	84	86	83	81	82	79	77	74	74		
2	95	86	79	72	92	84	77	71	79	73	68	75	70	66	71	67	63	61	61		
3	86	75	66	59	83	73	65	59	69	62	57	65	60	55	62	57	53	50	50		
4	79	66	57	50	76	65	56	49	61	54	48	58	52	46	55	50	45	43	43		
5	72	59	50	43	70	58	49	42	55	47	41	52	45	40	49	44	39	37	37		
6	67	53	44	37	64	52	43	37	49	42	36	47	40	35	45	39	34	32	32		
7	62	48	39	33	60	47	38	32	45	37	32	43	36	31	41	35	30	28	28		
8	58	44	35	29	56	43	34	29	41	33	28	39	32	28	37	31	27	25	25		
9	54	40	32	26	52	39	31	26	38	30	25	36	30	25	35	29	24	22	22		
10	50	37	29	24	49	36	29	23	35	28	23	33	27	23	32	26	22	20	20		