

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
8000	8500	62W
5000	5293	36W
4000	4762	33W

Based on 4000K, 85+ 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	4000L, 5000L, 8000L
CCT	40K, 50K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
LENGTH	2', 4' or 8'
MOUNTING	Surface
OPERATING TEMPERATURE	-40°C to 50°C
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. 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 1% 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: **4-OWVS1-LED-4000L-DIM10-MVOLT-40K-85**

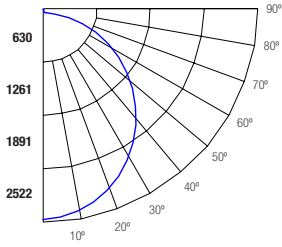
4	OWVS1	LED							
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	ACCESSORY
4 - 4'	OWVS1 - LED Vapor Tight	LED	4000L 5000L 8000L	DIM10 - 0-10V Dimming	MVOLT	40K 50K	85	0-EMG-LED-10W	TPS - Tamper Proof Screws

**4-OWVS1-LED-8000L-DIM10-MVOLT-40K-85**

TEST NO.: **EL02112061**

INPUT WATTS: **62.1** LUMENS: **8500** CRI: **85** EFFICACY: **137** CCT: **4000K** SPACING CRITERIA: **1.38**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	914.91	10.80	10.80
0-30	1940.24	22.80	22.80
0-40	3178.3	37.40	37.40
0-60	5700.72	67.10	67.10
0-80	7479.19	88.10	88.00
0-90	7928.49	93.40	93.30

**Luminance (Average candela/M<sup>2</sup>)**

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	22213	21356	20358
55	22957	21376	19577
65	24881	22184	18686
75	30160	25231	17455
85	59839	44963	16507

**Lumens Per Zone**

Zone	Lumens
0-10	237.10
10-20	677.81
20-30	1025.33
30-40	1238.06
40-50	1300.6
50-60	1221.83
60-70	1026.45
70-80	752.02
80-90	449.30

**Candela Tabulation**

0	
0	2508.985
5	2507.910
15	2420.000
25	2250.960
35	2019.700
45	1752.690
55	1469.350
65	1173.370
75	871.050
85	581.970
90	459.550

**Coefficients of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	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%	
0		118	118	118	118	114	114	114	114	107	107	107	101	101	101	96	96	96	93
1		105	100	95	91	102	97	92	88	91	88	84	86	83	81	82	79	77	74
2		95	86	79	72	92	84	77	71	79	73	68	75	70	66	71	67	63	61
3		86	75	66	59	83	73	65	58	69	62	57	65	60	55	62	57	53	50
4		79	66	57	50	76	65	56	49	61	54	48	58	52	46	55	50	45	43
5		72	59	50	43	70	58	49	42	55	47	41	52	45	40	49	44	39	37
6		67	53	44	37	64	52	43	37	49	42	36	47	40	35	45	39	34	32
7		62	48	39	33	60	47	38	32	45	37	32	43	36	31	41	35	30	28
8		58	44	35	29	56	43	34	29	41	33	28	39	32	28	37	31	27	25
9		54	40	32	26	52	39	31	26	38	30	25	36	29	25	35	29	24	22
10		50	37	29	24	49	36	29	23	35	28	23	33	27	23	32	26	22	20

RC - Ceiling Cavity Reflectance RW - Wall Reflectance