

JOB _____

TYPE _____

CATALOG # _____



APPLICATION

- SURFACE-MOUNTED LED LUMINAIRE, WHICH IS DESIGNED TO PREVENT THE INTRUSION OF MOISTURE AND DUST.
- PROVIDES GENERAL AMBIENT LIGHTING IN COMMERCIAL AND INDUSTRIAL SETTINGS, AND IS THE PERFECT CHOICE FOR BOTH NEW CONSTRUCTION AND RETROFITS.
- HIGH-EFFICACY LUMINAIRE PROVIDES LONG LIFE AND UNIFORM ILLUMINATION WITH NO VISIBLE LED PIXELATION.

CONSTRUCTION

- POLYCARBONATE HOUSING AND LENS.
- STAINLESS STEEL MOUNTING BRACKET AND LENS CLIPS ARE STANDARD.
- HEAVY DUTY WALL MOUNTED BRACKET PROVIDES FOR SECURE WALL AND CEILING INSTALLATION.
- EASY INSTALLATION IN NEW CONSTRUCTION OR RETROFIT.
- DOES NOT MEET MADE IN USA OR BAA REQUIREMENTS.

ELECTRICAL

-  LISTED.
- SUITABLE FOR DRY/DAMP/WET LOCATIONS AND CERTIFIED FOR IP65 APPLICATIONS.
- L70 PROJECTED AT 89,000 HOURS.
- 0-10V DIMMING TO 1% STANDARD.
- > 80 CRI STANDARD.
- MINIMUM --20C/--4F/MAXIMUM 50C/122F AMBIENT ENVIRONMENTS.
- 5 YEAR LIMITED WARRANTY ON LED BOARDS & DRIVERS.

VWCLED SERIES



VAPOR TIGHT LED LUMINAIRE CONTRACTOR SERIES





ORDERING GUIDE EXAMPLE: VWLED42L35K48-9FPS

SERIES	LUMENS	KELVIN	FIX		
VWLED	42L 47L 64L	35K, 4K, 5K	48	<p>** LUMENS: "SEE PERFORMANCE CHART"</p> <p>KELVIN: 35K = 3,500 KELVIN 4K = 4,000 KELVIN 5K = 5,000 KELVIN</p> <p>FIXTURE LENGTH: 48 - 48" OVERALL LENGTH</p> <p>VOLTAGE: 9 - 120-277 UNIVERSAL VOLTAGE</p> <p>LENS: FPS - FROSTED POLYCARBONATE SMOOTH LENS</p>	<p>OPTIONS: MS - INTERNAL OCCUPANCY SENSOR EM1 - 800 LUMEN BATTERY PACK EM2 - 1200 LUMEN BATTERY PACK</p>

PERFORMANCE CHART

Lumen package	Fixture size	3500K CCT			4000K CCT			5000K CCT		
		Delivered Lumens	Input Watts	LPW	Delivered Lumens	Input Watts	LPW	Delivered Lumens	Input Watts	LPW
42L	48	4,244	35	121	4,550	35	130	4,585	35	131
47L		4,793	40	120	5,200	40	130	5,240	40	131
64L		6,469	52	124	6,760	52	130	6,812	52	131

LUMAX LIGHTING®

PHOTOMETRIC DATA

CATALOG NUMBER: VWCLED42L35K48-9FPS

Zonal Lumen Summary

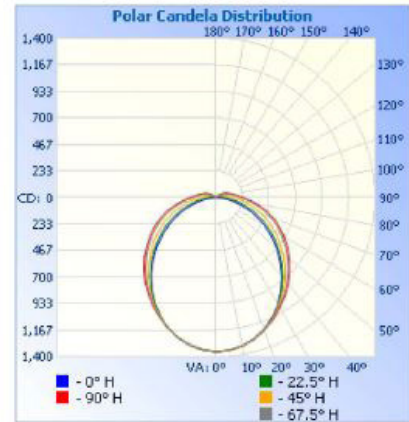
Zone	Lumens	% Lamp	% Luminaire
0-30	1,025.8	24.1%	24.2%
0-40	1,660.8	39.1%	39.1%
0-60	2,912.3	68.5%	58.6%
60-90	1,045.8	24.6%	24.6%
70-100	675.0	15.9%	15.9%
90-120	243.4	5.7%	5.7%
0-90	3,958.1	93.1%	93.2%
90-180	287.6	6.8%	6.8%
0-180	4,245.7	99.9%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	127.7	3.0%	90-100	120.9	2.8%
10-20	361.4	8.5%	100-110	76.4	1.8%
20-30	536.8	12.6%	110-120	46.0	1.1%
30-40	635.0	15.0%	120-130	24.0	0.6%
40-50	652.5	15.4%	130-140	10.9	0.3%
50-60	599.0	14.1%	140-150	4.5	0.1%
60-70	491.6	11.6%	150-160	2.6	0.1%
70-80	349.1	8.2%	160-170	1.6	0%
80-90	205.0	4.8%	170-180	0.5	0%

Coefficients Of Utilization - Zonal Cavity Method

RCC %:	Effective Floor Cavity Reflectance: 20%																									
	80				70				50				30				10				0					
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	50	30	20	50	30	20	50	30	20
RCR: 0	1.17	1.17	1.17	1.17	1.14	1.14	1.14	.93	1.07	1.07	1.07	1.01	1.01	1.01	.96	.96	.96	.93	.93	.93	.93	.93	.93	.93	.93	.93
1	1.06	1.00	.95	.91	1.02	.97	.93	.76	.92	.88	.85	.87	.84	.81	.82	.80	.78	.75	.75	.75	.75	.75	.75	.75	.75	.75
2	.96	.87	.79	.73	.92	.84	.78	.63	.80	.74	.69	.75	.71	.67	.71	.67	.64	.61	.61	.61	.61	.61	.61	.61	.61	.61
3	.87	.76	.67	.61	.84	.74	.66	.53	.70	.63	.58	.66	.60	.56	.63	.58	.54	.51	.51	.51	.51	.51	.51	.51	.51	.51
4	.80	.67	.58	.51	.77	.65	.57	.45	.62	.55	.49	.59	.53	.48	.56	.51	.46	.44	.44	.44	.44	.44	.44	.44	.44	.44
5	.73	.60	.51	.44	.70	.58	.50	.40	.55	.48	.42	.53	.46	.41	.50	.45	.40	.38	.38	.38	.38	.38	.38	.38	.38	.38
6	.67	.54	.45	.38	.65	.53	.44	.35	.50	.43	.37	.48	.41	.36	.46	.40	.35	.33	.33	.33	.33	.33	.33	.33	.33	.33
7	.63	.49	.40	.34	.60	.48	.39	.31	.46	.38	.33	.43	.37	.32	.42	.36	.31	.29	.29	.29	.29	.29	.29	.29	.29	.29
8	.58	.45	.36	.30	.56	.44	.35	.28	.42	.34	.29	.40	.33	.29	.38	.32	.28	.26	.26	.26	.26	.26	.26	.26	.26	.26
9	.54	.41	.33	.27	.53	.40	.32	.25	.38	.31	.26	.37	.30	.26	.35	.30	.25	.23	.23	.23	.23	.23	.23	.23	.23	.23
10	.51	.38	.30	.24	.49	.37	.29	.23	.35	.29	.24	.34	.28	.23	.33	.27	.23	.21	.21	.21	.21	.21	.21	.21	.21	.21



DIMENSIONS

SPECIFICATIONS AND DIMENSIONAL DATA SUBJECT TO CHANGE WITHOUT NOTICE.

