SPECIFICATION SHEET SUBJECT LED VAPOR TIGHT CUSTOMER PROJECT Project: Type: Cat. No.: Telephone: 905





Telephone: 905 415 8878 Fax Number: 905 415 8872 Toll Free Telephone: 855 415 8878 Toll Free Fax: 855 415 8872

DESCRIPTION

The Vapor Tight LED Luminaire is a robust IP65 rated fixture and is a true alternative to fluorescent. This fixture has a PC/UV unbreakable lens and PC housing suitable for any wet locations.



SPECIFICATION FEATURES

Construction

Qty:

Date:

EEL Rep:

PC housing with PC clips and a painted snap in module plate that also houses the driver for quick installation V-Hooks Included.

Electrical

Long Life LED System complete with electrical driver to deliver the optimal performance

LED's available in 4000K and 5000K with a typical CRI: 80 Ambient temperature -40°C to 40°C

Premium LED Modules rated for 180,000 hours at 85°C Electronic drivers are available in 120-277 and 347 Volt applications

Driver and Module Access

Drivers can be accessed by snapping out the module plate

Einich

PC housing and clips

Shielding

PC/UV rated frosted lens

Compliance

Modules and Drivers are UL recognized components and luminaire is cULus / DLC listed, IP65

Warranty

5 years

LED VAPOR TIGHT LUMINAIRE (Original Version)

1285	-

VT80LED08(P) / VT54LED04(P)

Dimensions mm | 1285(L) x 170(W) x 98(D) inch | 50.6(L) x 6.7(W) x 3.9(D)





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ORDERING CODE, ENERGY AND PERFORMANCE DATA

Model No.	Delivered Lumens (Im)	Input Watts (W)	Voltage (V)	Colour Temp. (K)	Efficacy (Im/W)	Certification	Type
VT80LED08 (P)	8301 8158	71 71	120-277 120-277	5000K 4000K	118 115	c UL us LTG	Standard MTO
VT80LED08 (P)	8301 8158	71 71	347 347	5000K 4000K	118 115	c UL us III	Standard MTO
VT54LED04 (P)	7171 6660	56 57	120-277 120-277	5000K 4000K	129 116	շ Ս Լ սու	Standard MTO
VT54LED04 (P)	7171 6660	56 57	347 347	5000K 4000K	129 116	c Up us Property	Standard MTO

NOTE:

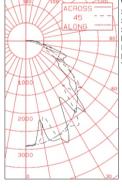
- · Lumens are estimated
- Lumens may vary based on lens option
- DLC qualified may not apply to all versions within a model. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

CONTROLS (OPTIONAL)

YM2502 | High Bay Occupancy Sensor ULT - HC419S | ON/OFF Sensor Control | 120-277V ULT - HC419V | Tri-level Dimming Control | 120-277V BRI810-B-D | ON/OFF DIM Microwave Sensor 120-277V 0-10V Dimming Driver (-D) | 120-277 / 347

PHOTOMETRICS

Note: Photometric data result was obtained under white interior and clear lens with linear prismatic.



ANGLE	ALONG	22.5	45	67.5	ACROSS	
0	2906	2906	2906	2906	2906	
5	2891	2888	2863	2857	2865	266
15	2802	2733	2307	2811	2855	749
25	2637	2058	2702	2986	2774	1175
35	2362	2388	2351	1946	2398	1400
45	2012	2058	1940	2003	1722	1509
55	1538	1179	1513	1047	1110	1175
65	981	1145	673	1035	1138	933
75	414	366	738	793	719	636
85	75	109	360	275	287	255
90	15	56	157	193	238	
95	29	47	76	138	100	93
105	8	14	32	20	20	24
115	1	2	8	8	9	7
125	0	3	1	4	5	3

Zonal Lu	ımen Sun	nmarv	
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	2189	26.62	26.62
0-40	3590	43.65	43.65
0-60	6273	76.28	76.28
0-90	8098	98.46	98.46
40-90	4508	54.81	54.81
60-90	1824	22.18	22.18
90-180	126	1.54	1.54
0 100	0005	100 00	100 00

Coefficient of Utilization

Effective floor cavity reflectance = 20%

CC		8	0			-	70			50			30			10		0
WAL	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	1.191	.191	.191	.19	1.161	1.161	.16	1.16	1.101	.101	.10	1.051	.051	.05	1.011	.011	.01	.98
1	1.091	.041	.00	.96	1.061	1.02	.98	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2	.99	.92	.85	.80	.97	.90	.84	. 79	.86	.81	.76	.82	.78	.75	. 79	.76	.73	.70
3	.91	.81	.73	.67	.88	.79	.72	.66	.76	.70	.65	.73	.68	.64	.71	.66	.62	.60
4	.84	. 73	.64	.58	.82	.71	.64	.57	.69	.62	.56	.66	.60	.56	.64	.59	.55	.52
5	.77	.65	.56	.50	. 75	.64	.55	.50	.61	.54	.49	.59	.53	.48	.57	.52	.47	.45
6	.71	.58	.50	.44	.69	.57	.49	. 43	.55	.48	.43	.53	.47	.42	.52	. 46	.42	.40
7	.65	.52	.44	.38	.64	.51	. 43	.37	.50	.42	.37	.48	.41	.36	. 47	.41	.36	.34
8	.61	.47	.39	.33	.59	.46	.39	.33	.45	.38	.33	.44	.37	.32	. 42	.37	.32	.30
9	.56	.43	.35	.29	.55	.42	.35	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.26
10	.52	.39	.31	.26	.51	.38	.31	.26	.37	.30	.26	.36	.30	.25	.35	.29	.25	.23

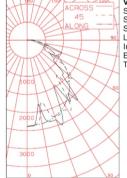
OPTIONAL ACCESSORIES

VT-SS | Stainless Steel Clips (Wide) for VT54/VT80

EMERGENCY BACK-UP (OPTIONAL)

EMAC1500S60D64 | LED Emergency Driver 120-277V DIM (VT80 Only) EMLEDS20155596 | LED Emergency Battery Pack 120-277V

Note: Photometric data result was obtained under white interior and clear lens with linear prismatic.



ANGLE	ALONG	22.5	45	67.5	ACROSS	
0	2390	2390	2390	2390	2390	
5	2366	2365	2351	2351	2354	21
15	2307	2247	1869	2289	2327	61:
25	2166	1658	2218	2501	2293	96
35	1944	1956	1926	1627	2072	114
45	1653	1695	1622	1627	1382	124
55	1272	926	1246	838	915	95
65	795	945	534	847	931	76
75	338	291	635	619	606	52
85	60	8.5	278	204	214	20
90	12	44	119	149	185	
95	24	41	54	111	61	7:
105	7	10	22	13	13	1
115	1	2	5	5	5	
125	0	4	1	3	3	
135	0	0	0	0	1	
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Zonal Lumen Summary

ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	1793	26.69	26.69
0-40	2940	43.77	43.77
0-60	5133	76.40	76.40
0-90	6622	98.55	98.55
40-90	3681	54.79	54.79
60-90	1488	22.15	22.15
90-180	97	1.45	1.45
0 100	6700	100 00	100 00

Coefficient of Utilization

Effective floor cavity reflectance = 20%

CC WAL		8	30			•	70			50			30			10		0
WAL	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	
RCR																		
0	1.191	1.191	1.191	.19	1.161	.161	.161	.16	1.101	.101	.10	1.05	.051	.05	1.011	.011	.01	. 9
1	1.091	.041	1.00	.96	1.061	.02	.98	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.8
2	.99	.92	.85	.80	.97	.90	.84	.79	.86	.81	.77	.82	.78	.75	.79	.76	.73	.7
3	.91	.81	.73	.67	.89	.79	.72	.66	.76	.70	.65	.73	.68	.64	.71	.66	.62	. 6
4	.84	.73	.64	.58	.82	.71	.64	.57	.69	.62	.57	.66	.60	.56	.64	.59	.55	. 5
5	.77	.65	.56	.50	.75	.64	.56	.50	.61	.54	.49	.59	.53	.48	.57	.52	.48	. 4
6	.71	.58	.50	.44	.69	.57	.49	. 43	.55	.48	.43	.54	.47	.42	.52	.46	.42	. 4
7	.66	.52	.44	.38	.64	.51	.43	.37	.50	.42	.37	.48	.42	.37	.47	.41	.36	. 3
8	.61	.47	.39	.33	.59	. 47	.39	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	. 3
9	.56	.43	.35	.29	.55	.42	.35	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	. 2
10	.52	.39	.31	.26	.51	.39	.31	.26	.37	.30	.26	.36	.30	.25	.35	.29	.25	. 2