

DESCRIPTION

The VT 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

PC housing with PC clips and a painted snap in module plate that also houses the driver for quick installation

Finish

PC housing and clips

Controls

The LED Vapor Tight is powered by Ultrasave drivers and module

Shielding

PC/UV rated frosted lens

Electrical

Long Life LED System complete with electrical driver to deliver the optimal performance. LED's available in a 3500K, 4000K and 5000K with a typical CRI: 80. Rated for 94,000 hours. Electronic drivers are available in 120/277 and 347 Volt applications

Compliance

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

Warranty

5 years

Driver and Module Access

Drivers can be accessed by snapping out the module plate



**LED
VAPOR TIGHT
LUMINAIRE**

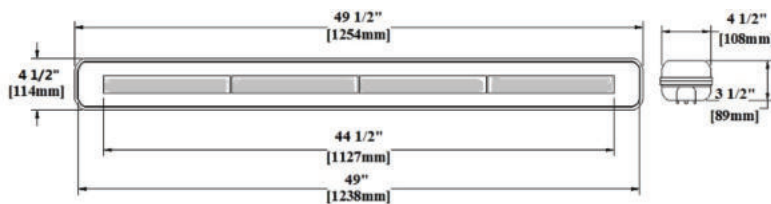
powered by
ULTRASAVE



VT54LED04

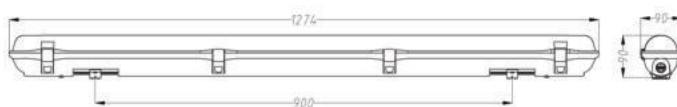
Dimension
mm | 1276(L) x 168(W) x 95(D)
inch | 50.2"(L) x 6.6"(W) x 3.7"(D)

Note:
VT54LED04 has 4 modules



VT40LED04 / VT40LED02




Dimension
mm | 1254(L) x 108(W) x 89(D)
inch | 49.5"(L) x 4.3"(W) x 3.5"(D)



VT40LED02

Dimension
mm | 1274(L) x 90(W) x 90(D)
inch | 50.2"(L) x 3.5"(W) x 3.5"(D)

ORDERING CODE, ENERGY AND PERFORMANCE DATA

	Model No.	Delivered Lumens (lm)	Input Watts (W)	Voltage (V)	Colour Temp. (K)	Efficacy (lm/W)	Status
	VT54LED04	5900 5900	63 63	120M / 347 120M / 347	4000K 3500K / 5000K	94 89 / 98	Stock MTO
	VT40LED04	4410 4410	42 42	120M / 347 120M / 347	4000K 3500K / 5000K	105 99 / 110	Stock MTO
	VT40LED02	3150 3000	31 31	120M / 347 120M / 347	5000K 3500K / 4000K	101 91 / 96	Stock MTO

OPTIONAL ACCESSORIES

YM2502 Occupancy Sensor | 120M/347
 VT-SS | Stainless Steel Clips (Wide) for VT54
 VT-SS40 | Stainless Steel Clips (Narrow) for VT40

SHIPPING DATA

Model No.

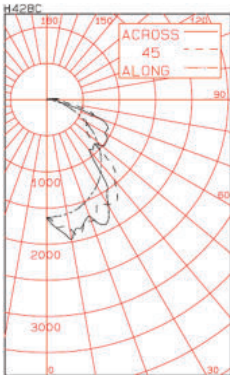
VT54LED04
 VT40LED04
 VT40LED02

Weight

3.2kg / 7.1lbs
 3.9kg / 8.5lbs
 1.35kg / 3lbs

PHOTOMETRICS

Note: Photometric data result was obtained under clear linear prismatic lens with white reflector condition.



VT54LED04-120M
 S/MH = 1.4
 SC(along) = 1.3
 SC(across) = 1.4
 Lumens: 5302
 Input Watts: 59.41
 Efficacy: 89.2 lm/W
 Test Report: H428C

Candlepower

ANGLE ALONG	22.5	45	67.5	ACROSS
0	1633	1633	1633	1633
5	1622	1674	1775	1807
15	1576	1755	1880	1796
25	1447	1759	1625	1851
35	1282	1561	1694	1520
45	1044	1319	1243	869
55	771	1044	638	937
65	482	425	604	868
75	217	219	582	417
85	43	67	185	121
90	10	53	67	81
95	6	53	41	132
105	3	6	24	17
115	0	15	6	8
125	0	1	1	4

Zonal Lumen Summary

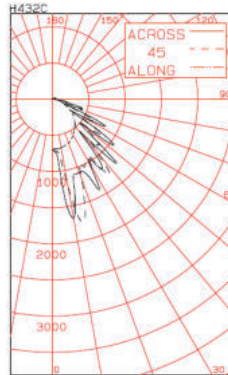
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1461	27.57	27.57
0-40	2387	45.04	45.04
0-60	4008	75.60	75.60
0-90	5207	98.21	98.21
40-90	2819	53.17	53.17
60-90	1198	22.61	22.61
90-180	94	1.79	1.79
0-180	5302	100.00	100.00

Coefficient of Utilization

Effective floor cavity reflectance = 20%

CC	80				70				50				30				10				0
WALL	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	0	1.191	1.191	1.191	1.161	1.161	1.161	1.161	1.101	1.101	1.101	1.051	1.051	1.051	1.001	1.001	1.001	0.98			
	1	1.091	1.041	1.00	0.96	1.061	1.02	0.98	0.95	0.97	0.94	0.91	0.93	0.90	0.88	0.89	0.87	0.85	0.83		
	2	1.00	0.92	0.86	0.80	0.97	0.90	0.84	0.79	0.86	0.81	0.77	0.83	0.78	0.75	0.79	0.76	0.73	0.71		
	3	0.91	0.81	0.73	0.67	0.89	0.79	0.72	0.66	0.76	0.70	0.65	0.73	0.68	0.64	0.71	0.66	0.62	0.60		
	4	0.84	0.73	0.64	0.58	0.82	0.71	0.64	0.57	0.69	0.62	0.57	0.66	0.60	0.56	0.64	0.59	0.55	0.53		
	5	0.77	0.65	0.56	0.50	0.75	0.64	0.56	0.50	0.61	0.54	0.49	0.59	0.53	0.48	0.57	0.52	0.48	0.46		
	6	0.71	0.58	0.50	0.44	0.69	0.57	0.49	0.43	0.55	0.48	0.43	0.54	0.47	0.42	0.52	0.46	0.42	0.40		
	7	0.66	0.52	0.44	0.38	0.64	0.52	0.44	0.38	0.50	0.42	0.37	0.48	0.42	0.37	0.47	0.41	0.36	0.34		
	8	0.61	0.48	0.40	0.34	0.60	0.47	0.39	0.33	0.45	0.38	0.33	0.44	0.38	0.33	0.43	0.37	0.32	0.31		
	9	0.57	0.44	0.35	0.30	0.55	0.43	0.35	0.30	0.41	0.34	0.29	0.40	0.34	0.29	0.39	0.33	0.29	0.27		
	10	0.53	0.40	0.32	0.27	0.52	0.39	0.32	0.26	0.38	0.31	0.26	0.37	0.30	0.26	0.36	0.30	0.26	0.24		

Note: Photometric data result was obtained under clear linear prismatic lens condition.



VT40LED04-120M
 S/MH = 2.1
 SC(along) = 1.2
 SC(across) = 2.1
 Lumens: 3619
 Input Watts: 39.81
 Efficacy: 90.9 lm/W
 Test Report: H432C

Candlepower

ANGLE ALONG	22.5	45	67.5	ACROSS
0	698	698	698	698
5	692	714	726	767
15	663	792	1722	1257
25	611	1561	1035	985
35	526	1347	1175	838
45	433	780	905	901
55	328	952	843	974
65	204	355	394	741
75	123	206	155	373
85	40	86	74	60
90	17	34	34	27
95	13	35	33	26
105	5	18	40	42
115	2	5	20	41
125	1	1	7	11
135	0	1	2	5
145	0	0	1	2
155	0	0	1	1

Zonal Lumen Summary

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	944	26.11	26.11
0-40	1598	44.18	44.18
0-60	2789	77.10	77.10
0-90	3523	97.36	97.36
40-90	1924	53.18	53.18
60-90	733	20.27	20.27
90-180	95	2.63	2.63
0-180	3619	100.00	100.00

Coefficient of Utilization

Effective floor cavity reflectance = 20%

CC WALL	80				70				50				30				10				0
	70	50	30	10	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0		
RCR																					
0	1.181	1.181	1.181	1.181	1.151	1.151	1.151	1.151	1.101	1.101	1.101	1.041	1.041	1.041	1.001	1.001	1.001	1.001	.97		
1	1.091	1.041	1.001	.97	1.061	1.02	.98	.95	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83	.83		
2	1.00	.92	.86	.80	.97	.90	.84	.79	.86	.81	.77	.82	.78	.75	.79	.76	.73	.71	.71		
3	.91	.81	.74	.68	.89	.80	.72	.67	.76	.70	.65	.73	.68	.64	.70	.66	.62	.60	.60		
4	.84	.73	.65	.58	.82	.71	.64	.58	.69	.62	.57	.66	.60	.56	.63	.59	.55	.52	.52		
5	.77	.65	.56	.50	.75	.64	.55	.50	.61	.54	.49	.59	.53	.48	.57	.52	.47	.45	.45		
6	.71	.58	.49	.43	.69	.57	.49	.43	.55	.48	.42	.53	.47	.42	.51	.46	.41	.39	.39		
7	.65	.52	.43	.38	.63	.51	.43	.37	.49	.42	.37	.47	.41	.36	.46	.40	.36	.34	.34		
8	.60	.47	.39	.33	.59	.46	.38	.33	.45	.37	.32	.43	.37	.32	.42	.36	.31	.30	.30		
9	.56	.43	.34	.29	.54	.42	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26	.26		
10	.52	.39	.31	.25	.51	.38	.31	.25	.37	.30	.25	.36	.29	.25	.35	.29	.24	.23	.23		



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Specifications and dimensions subject to change without notice.
 Consult your Energy Efficient Lighting Representative
 for availability and ordering information.