

Project: _____
 Location: _____
 Cat. #: _____
 Type: _____
 Quantity: _____

LED

EVT LED Extruded Vaportight

Features:

- High performance LED technology
- 0-10V dimming drivers standard
- Field replaceable LED boards and drivers
- Multiple hanging options, including surface, chain/cable, or pendant for easy installation
- Available in 2', 4', and 8' lengths
- UL approved and evaluated for daisy chaining

Applications:

- Suitable for most commercial, industrial and institutional applications
- Warehouse
 - Manufacturing Facility
 - Food Processing
 - Stairwells
 - Car Wash

Predicted L70 Lifetime:

- >100,000 hrs (calculated)
- >72,000 hrs (reported)
- 80% lumen maintenance @ 72,000 hrs (based on LM-80, TM-21 and in-situ laboratory testing)

Dimensions:

- Length: 2', 4', 8'
- Width: 3.86"
- Depth: 3.75"

Construction:

- (f1) rated acrylic co-extruded lens and housing - lens and housing is all one piece
- Pre-painted cold rolled steel board trays
- Gasketed end caps
- Stainless steel mounting hardware

Certifications:

- UL 1598 listed for US and Canada, suitable for wet locations
- IP65
- IP66
- NSF
- RoHS
- DesignLights Consortium qualified on specific configurations (refer to DLC qualified products list for exact model numbers) <http://designlights.org/>

Ambient Operating Temp:

- -30°C to 40°C

Warranty:

- 5 year limited system warranty
- see www.LumenFocus.com for complete warranty terms and conditions



Powered by:



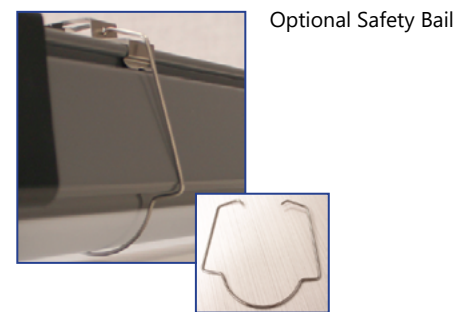
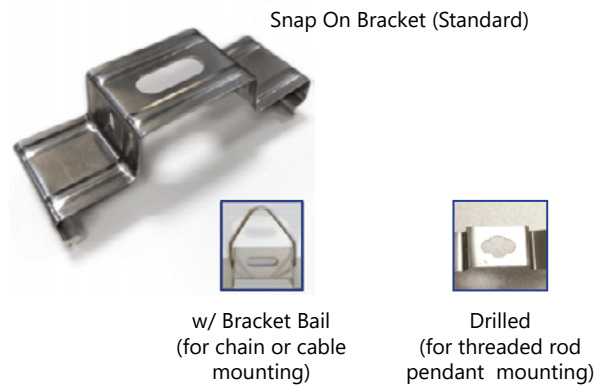
Ordering Guide:

example: EVT 4 MD UV FA 840-SB OSMD

Series	Length	Output	Voltage	Shielding	CRI/CCT	-	Mounting	Options
EVT			UV	FA		-		
EVT	2 4 8	VL LW MD	UV	FA	835 840 850		Blank SMBB SMBBQC SMBBQC20 SMD	Blank SB OSM OSMD

Length:	2' 2' 4' 4' 8' 8'	CRI/CCT:	835 80 CRI / 3500K 840 80 CRI / 4000K 850 80 CRI / 5000K
Lumen Output:	VL Very Low LW Low MD Medium	Mounting:	Blank Snap On Mounting Bracket (for surface mounting) SMBB Snap on Mount with Bracket Bail (for chain or cable mounting) SMBBQC Snap on Mount with Bracket Bail w/ 10' Quick Hang Cable Kit SMBBQC20 Snap on Mount with Bracket Bail w/ 20' Quick Hang Cable Kit SMD Snap on Mount Drilled (for threaded rod pendant, not included)
Voltage:	UV 120-277V	Options:	Blank None SB Safety Bail OSM Microwave Occupancy Sensor OSMD 0-10V Dimming Microwave Occupancy Sensor
Shielding:	FA Frosted Acrylic		

Mounting:



Performance Data:

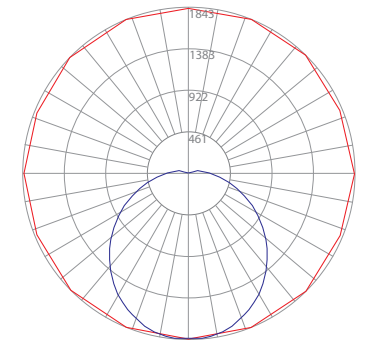
Catalog #	Watts	Lumens (835)	LPW (835)	Lumens (840)	LPW (840)	Lumens (850)	LPW (850)
EVT 2 VL UV FA 8xx	18	1930	109.4	1993	113.0	2053	116.4
EVT 2 LW UV FA 8xx	23	2588	111.4	2673	115.1	2754	118.5
EVT 2 MD UV FA 8xx	33	3504	106.4	3620	109.9	3728	113.2
EVT 4 VL UV FA 8xx	31	3603	117.1	3722	121.0	3834	124.6
EVT 4 LW UV FA 8xx	41	4558	111.0	4709	114.7	4850	118.1
EVT 4 MD UV FA 8xx	52	5650	109.4	5837	113.0	6012	116.4
EVT 8 VL UV FA 8xx	36	4499	126.4	4648	130.6	4788	134.5
EVT 8 LW UV FA 8xx	50	6164	122.7	6368	126.7	6559	130.5
EVT 8 MD UV FA 8xx	69	8073	117.2	8339	121.0	8590	124.7

Photometric Data:

EVT 4 MD UV FA 850

Test No.: LLIA001045-001A
 Luminaire Lumens: 6,012 lm
 Luminaire Watts: 51.7W
 Efficacy: 116.4 LPW
 Spacing Criterion (0-180): 1.22
 Spacing Criterion (90-270): 1.32

Angle In Degrees	Luminance Data (cd/sq.m)		
	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	20478	17177	17153
55	18733	15201	15423
65	16480	13076	13589
75	12701	11014	11805
85	5133	9349	10347



Coefficients Of Utilization - Zonal Cavity Method Effective Floor Cavity Reflectance 0.20

RC	80				70				50				30				
RW	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		108	108	108	102	102	102			
1	106	100	95	91	102	98	93	89	92	89	85	87	84	82			
2	96	87	79	73	92	84	77	72	80	74	69	76	71	67			
3	87	76	67	60	84	74	66	59	70	63	57	66	61	56			
4	79	67	58	51	77	65	57	50	62	55	49	59	53	47			
5	73	60	50	43	70	58	49	43	55	48	42	53	46	41			
6	67	54	44	38	65	52	44	37	50	42	37	48	41	36			
7	62	48	39	33	60	47	39	33	45	38	32	43	37	32			
8	58	44	35	30	56	43	35	29	41	34	29	40	33	28			
9	54	41	32	27	52	40	32	26	38	31	26	37	30	25			
10	51	37	29	24	49	37	29	24	35	28	23	34	28	23			

Zone	Lumens	%Fixt
0-20	669.65	11.10
0-30	1420.45	23.60
0-40	2325.85	38.70
0-60	4147.60	69.00
0-80	5378.96	89.50
0-90	5694.83	94.70
90-120	311.71	5.20
90-130	316.92	5.30
90-150	316.93	5.30
90-180	316.93	5.30
0-180	6011.76	100.00

Tested in accordance with IES standards utilizing absolute photometry per LM-79-08