LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for use in applications where smart, energy-efficient fixtures are desired. Typical applications include parking garage, canopy, transportation, school, hospital, cold storage and exterior retail environments where moisture or dust is a concern. Polycarbonate enclosure protects fixture while remaining easy to service and clean.

CONSTRUCTION — UV-stabilized, injection-molded, impact-resistant, frosted polycarbonate housing with continuous poured-in-place, closed-cell gasket. 20-gauge steel channel and channel cover. Aluminum sheet metal board plate for thermal conduction and support. Fixture design allows for uplight.

OPTICS — UV-stabilized, injection-molded, impact-resistant, clear transparent, polycarbonate lens with aesthetic rib detail (.080" thick). Asymmetric (ASY) optical control film provides broad light distribution (ideal for lower mounting heights). Symmetric (SYM) optical control film is well suited for general lighting environments. Clear transparent, tamper-resistant, polycarbonate latches standard (8 tamper-resistant screws included). Stainless steel latches also available.

ELECTRICAL — Utilizes high-efficiency LEDs mounted to core circuit boards. 4100 Kelvin temperature standard, with 5700K also available. High efficiency driver operates 100V through 277V, 50-60HZ. Integral surge protection tested in accordance with IEEE/ANSI C62.41.2 to Category C Low. Includes a temperature-sensing component that will limit the temperature of the LEDs in case of excessive ambient temperatures or misapplication. One driver used for 39W and 59W; two drivers used for 79W and 114W. Bi-level control option and low (0-10) voltage dimming available. L93 at 60,000 hours (350mA) and L85 at 60,000 hours (525mA).

INSTALLATION — Stainless steel surface spring-mounting brackets standard (2 included) allows for ceiling or suspended mount. A variety of stainless steel mounting options also available: J-box mounting and mounting brackets for suspension with aircraft cable (cable not included). Optional stainless steel V-hooks available for chain hanging (chain not included). Surface conduit entry on each end and on top. For horizontal mounting on a wall, application must be under a covered ceiling and QMB option recommended. 1/2" - 3/4" KO.

LISTING — CSA Certified to UL and C-UL standards for ambient temperatures ranging from -20°C to 40°C. NOM Certified (see Options). Suitable for wet location. Product will be rated for damp location only when wall mounted. IP65 rated.

Meets Designlights™ Consortium requirements for *Fuel Pump Canopy* (standard). Meets Designlights™ Consortium requirements for *Parking Garage Luminaires* (see Options).

See "ARCHWAY™ PASSAGE™ LED Specification Matrix" below for ambient temperature listings.

WARRANTY — Five-year LED board and driver warranty.

Rough Service products by Lithonia Lighting are engineered to withstand extreme physical assault. When properly installed per instructions for maximum vandal resistance, any rough service polycarbonate lens and/or polycarbonate housing enclosure that is rendered inoperable as a result of physical abuse, will be repaired or replaced without charge for the life of the product.

Note: Specifications subject to change without notice.

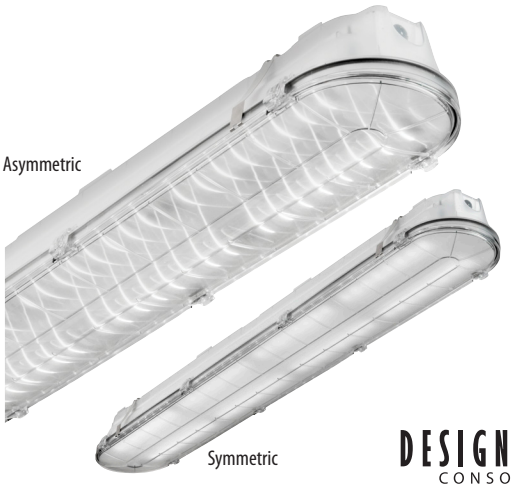
ARCHWAY™ PASSAGE™

GET A QUOTE

Rough Service Fixture

VAP LED

CEILING/
SUSPENDED MOUNT

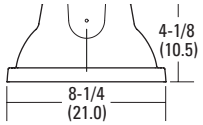


LED

DESIGNLIGHTS CONSORTIUM

Specifications

Length: 54-3/4 (139.1)
Width: 8-1/4 (21.0)
Depth: 4-1/8 (10.5)
Weight: 13.5 lbs. (5.9 kg)



All dimensions are shown in inches (centimeters) unless otherwise noted.

GET A QUOTE

Example: VAP 39LED ASY

ORDERING INFORMATION For shortest lead times, configure product using **bolded options.**

VAP	/								
Series	**Wattage/Color temperature**[1]			**Light control film**		**Voltage**		**Options**[3]	
VAP	**39LED**	39 watts	27 2700K (CRI 80)	**ASY**	Asymmetric beam	**(blank)**	MVOLT	**SF**	Single fuse[4]
	59LED	59 watts	35 3500K (CRI 80)	**SYM**	Symmetric beam	120	120V	WLF	Wet location fitting (two outboard, top)[5]
	79LED	79 watts	**(blank)** 4100K (CRI 65)			277	277V	WLFIN	Wet location fitting (two inboard, top)[5]
	114LED	114 watts	57 5700K (CRI 70)			347	347V[2]	WLFEND	Wet location fitting (one end)[5]
						480	480V[2]	WLFEND2	Wet location fitting (both ends)[5]
								CX	6' white cord, 18/3, no plug
								CS88	6' Brad Harrison 16/3 cord and plug set
								CS88L12	12' Brad Harrison 16/3 cord and plug set
								STSL	Stainless steel latches
								QMB	Quick-mount ceiling bracket
								CMB	Chain-mount suspension bracket
								JSB	Junction box snap-bracket
								PMPB	Pendant monopant bracket

HC36	Wire hook and 36" chain set[6,7]
BLC2	80% lumen maintenance
DIM	Pre-wired for 0-10V low-voltage dimming (100-10%)
DIM2	Line-voltage power control (100-50%)[8]
L/SP	Less surge protector
MSI___	Wet location motion sensor and bracket[4,9]
PE	Photoelectric cell (button type)[4]
DLC	Designlights™ Consortium qualified for *Parking Garage Luminaires*[10]
NOM	NOM Certified
BLCZ	80% lumen maintenance

Accessories: *Order as separate catalog number.*

VAPSMB	Surface spring-mount bracket
VAPQMB	Quick-mount ceiling bracket
VAPCMB	Chain-mount bracket
VAPJSB	Junction box snap bracket

ARCHWAY™ PASSAGE™ LED Specification Matrix

System watts	Initial delived lumens with asymmetric optics[9] 4100K	5700K	Initial delived lumens with symmetric optics[11] 4100K	5700K	mA	Max. ambient temp. (°C)
39	3040	3335	2975	3335	350	40
59	4170	4495	4050	4600	525	40
79	5725	6015	5820	6110	350	40
114	7680	7970	7720	8170	525	25

Notes

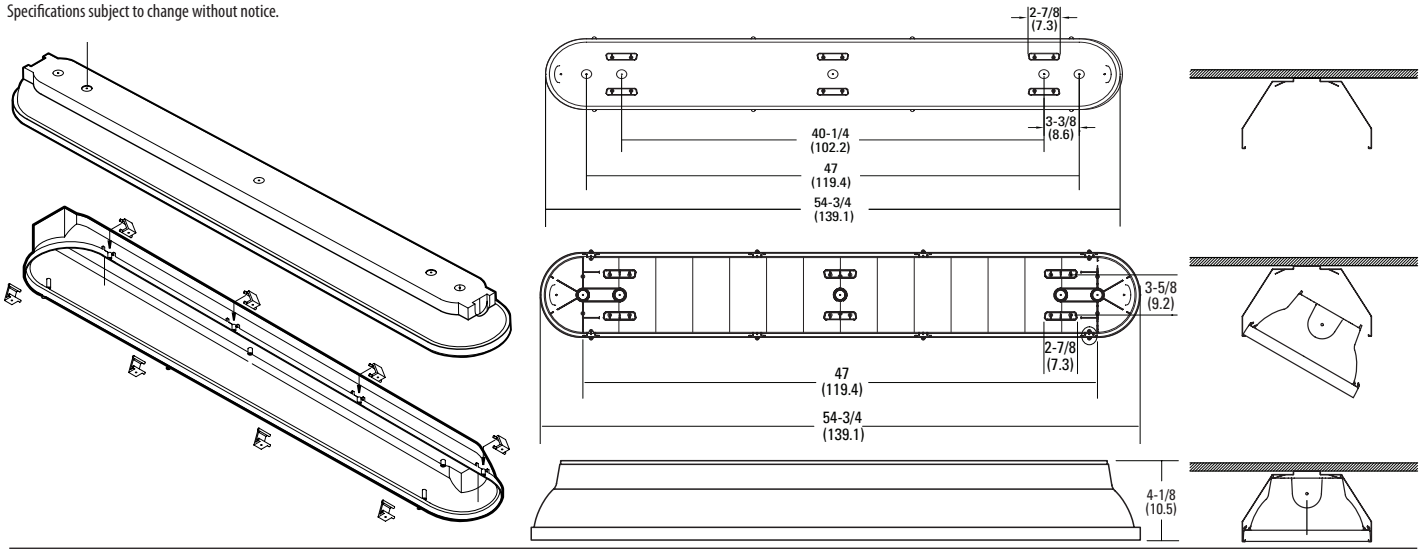
1. The CCT value provided is of lamp source and actual CCT will vary upon levels.
2. Non-DLC compliant.
3. For additional options, consult factory.
4. Must specify voltage.
5. 5/8" long NPT threaded hub.
6. Requires CMB (chain mount bracket) option.
7. For stainless steel, specify STS (example: HC36 STS).
8. Available with 79LED and 114LED only.
9. For mounting up to 8', specify MSI8; for moumting up to 20', specify MSI20.
10. Not applicable with ASY or SYM optical film.
11. 4100K and 5700K are LED CCTs.

VAP Linear Rough Service, LED

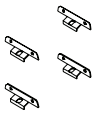
DIMENSIONS

All dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications subject to change without notice.

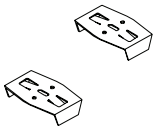


MOUNTING ACCESSORIES

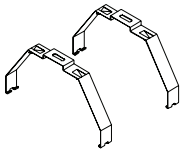


CMB - Ceiling Mounting Brackets

JMS - Junction Box Mounting Bracket



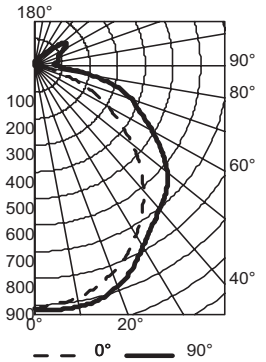
QMB - Quick-Mount Mounting Brackets



SMB - Surface Mounting Brack (ship with fixture as standar

PHOTOMETRICS

VAP 39LED ASY; 3042 delivered lumens, input watts: 39.7, Test No. LTL 19437, tested in accordance with IESNA LM-79-2008



CP Summary

	0°	90
0°	915	915
5°	898	920
15°	862	910
25°	787	840
35°	677	739
45°	542	672
55°	380	561
65°	226	424
75°	85	306
85°	21	112
90	14	76

Coefficients of Utilization

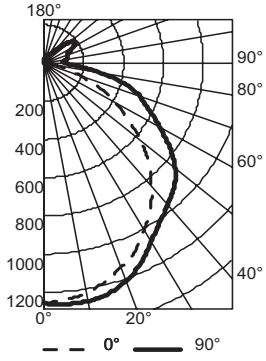
RCR	pf 20% pc 80% pw 70%	50%	30%	pf 20% pc 70% pw 50%	30%	10%	pf 20% pc 50% pw 50%	30%	10%
0	117	117	117	113	113	113	105	105	105
1	106	101	96	97	93	90	91	88	85
2	96	87	80	85	78	73	79	74	70
3	87	77	68	74	67	60	70	63	58
4	80	68	59	66	57	51	62	55	49
5	73	60	51	59	50	44	55	48	42
6	68	54	45	53	44	38	50	43	37
7	63	49	40	48	40	34	45	38	33
8	58	45	36	44	36	30	41	34	29
9	54	41	33	40	32	27	38	31	26
10	51	38	30	37	29	24	35	28	24

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	718	23.6	23.6
0° - 40°	1172	38.5	38.5
0° - 60°	2077	68.3	68.3
0° - 90°	2726	89.6	89.6
90° - 120°	180	5.9	5.9
90° - 130°	243	8.0	8.0
90° - 150°	300	9.9	9.9
90° - 180°	316	10.4	10.4
0° - 180°	3042	100.0	100.0

Efficiency: 100.0%

VAP 59LED ASY; 4169 delivered lumens, input watts: 59.6, Test No. LTL 19435, tested in accordance with IESNA LM-79-2008



CP Summary

	0°	90
0°	1258	1258
5°	1239	1266
15°	1185	1250
25°	1085	1153
35°	930	1015
45°	746	923
55°	519	771
65°	308	582
75°	115	417
85°	28	153
90	19	106

Coefficients of Utilization

RCR	pf 20% pc 80% pw 70%	50%	30%	pf 20% pc 70% pw 50%	30%	10%	pf 20% pc 50% pw 50%	30%	10%
0	117	117	117	113	113	113	105	105	105
1	106	101	96	97	93	90	91	88	85
2	96	87	80	85	78	73	79	74	70
3	87	77	68	74	67	60	70	63	58
4	80	68	59	66	57	51	62	55	49
5	73	60	51	59	50	44	55	48	43
6	68	54	45	53	44	38	50	43	37
7	63	49	40	48	40	34	45	38	33
8	58	45	36	44	36	30	41	34	29
9	54	41	33	40	32	27	38	31	26
10	51	38	30	37	29	24	35	29	24

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	988	23.7	23.7
0° - 40°	1610	38.6	38.6
0° - 60°	2852	68.4	68.4
0° - 90°	3737	89.6	89.6
90° - 120°	246	5.9	5.9
90° - 130°	333	8.0	8.0
90° - 150°	410	9.8	9.8
90° - 180°	432	10.4	10.4
0° - 180°	4169	100.0	100.0

Efficiency: 100.0%

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