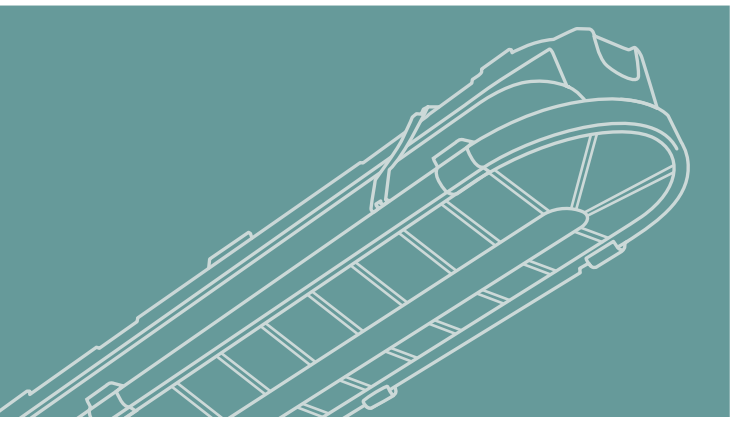
ARCHWAY™ PASSAGE™ LED



Deliver the promise of LED with ARCHWAY™ PASSAGE™ LED

Offering the same great architectural look of the fluorescent fixture, the LED version is available in several lumen packages (details below) and gives you the option of two distinct light patterns. The asymmetric light control film directs light out and down making it perfect for parking garages. The symmetric light control film shifts light downward making it perfect for spaces such as locker rooms.

Due to immediate demand, Lithonia Lighting is rolling out this product in two phases as outlined below.

Ideal for applications such as:

- Parking garage
- Industrial facility
- Stairwell
- Canopy
- Transit station
- Hospital
- Cold storage
- Locker room

	Phase 1 – Available Now			Phase 2 – Coming Soon		
	System Watts	Delivered Lumens[1] (Nominal)	Ambient Temp. °C	System Watts	Delivered Lumens[1] (Nominal)	Ambient Temp. °C
Fixture	39	3000	40	-	-	-
	59	4100	35	59	4100	40 (standard)
	79	6000	40	-	-	-
	114	8000	25	114	8000	40 (option)
Controls	0-10V dimming, 100-50% power control			Motion sensor, photocell, bi-level control, ROAM, battery pack		

Notes:

1 Lumens based upon 4100K CCT at 25°C ambient operating temperature.

LITHONIA LIGHTING®
An Acuity Brands Company

One Lithonia Way | Conyers, GA 30012 | Phone: 800.315.4963 | www.lithonia.com | IR7309

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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 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 core circuit boards. 4100 Kelvin temperature standard, with 5700K also available. High efficiency driver operates 100V through 277V, 50-60HZ. Initial surge protection standard. Includes a temperature-sensing component that will limit the temperature of the LEDs in case of excessive ambient temperatures or mis-application. 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.

LISTING — CSA Certified to UL and C-UL standards. NOM Certified (see Options). Suitable for wet location. IP65 rated.

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

WARRANTY — Five-year LED board and driver warranty.

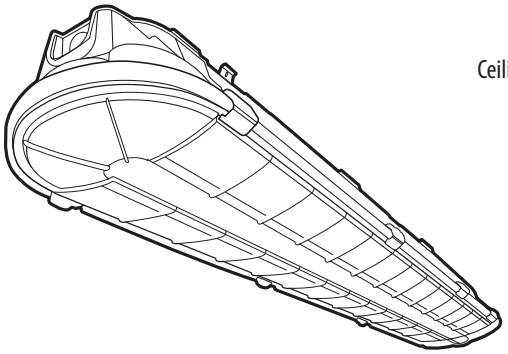
Rough Service products by Lithonia Lighting are engineered to withstand extreme physical assault. When properly installed per instructions for maximum vandal resistance, any rough service polycarbonate lens and/or polycarbonate housing enclosure that is rendered inoperable as a result of physical abuse,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

ARS

ARCHWAY™ PASSAGE™

Linear Rough Service

VAP LED



Ceiling/Suspended Mount

LED

Specifications

Length: 54-3/4 (139.1)

Width: 8-1/4 (21.0)

Depth: 4-1/8 (10.5)

Weight: 16 lbs. (35 kg)

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

Specifications subject to change without notice.

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

Example: VAP 39LED ASY

VAP	/									
Series	**Wattage/Color temperature[1]**				**Light control film**		**Voltage**		**Options[2]**			
VAP	**39LED**	39 watts	**(blank)**	4100K	**ASY**	Asymmetric beam	**(blank)**	MVOLT	**SF**	Single fuse[3]	**QMB**	Quick-mount ceiling bracket
	59LED	59 watts	57	5700K	**SYM**	Symmetric beam	120	120V	**WLF**	Wet location fitting (two outboard, top)	**CMB**	Chain-mount suspension bracket
	79LED	79 watts					277	277V	**WLFIN**	Wet location fitting (two inboard, top)	**JSB**	Junction box snap-bracket
	114LED	114 watts							**WLFEND**	Wet location fitting (one end)	**HC36**	Wire hook and 36" chain set[4,5]
									WLFEND2	Wet location fitting (both ends)	DIM	Pre-wired for 0-10V low-voltage dimming (100-10%)
									CX	6' white cord, 18/3, no plug	DIM2	Line-voltage power control (100-50%)[6]
									CS88	6' Brad Harrison 16/3 cord and plug set	NOM	NOM certified
									CS88L12	12' Brad Harrison 16/3 cord and plug set		
									STSL	Stainless steel latches		

ARCHWAY™ PASSAGE™ LED Specification Matrix

System watts	Initial delived lumens with asymmetric optics[7] 4100K	Initial delived lumens with asymmetric optics[7] 5700K	Initial delived lumens with symmetric optics[7] 4100K	Initial delived lumens with symmetric optics[7] 5700K	mA	Max. ambient temp. (°C)
39	3040	3335	2975	3335	350	40
59	4170	4495	4050	4600	525	35
79	5725	6015	5820	6110	350	40
114	7680	7970	7720	8170	525	25

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

Notes

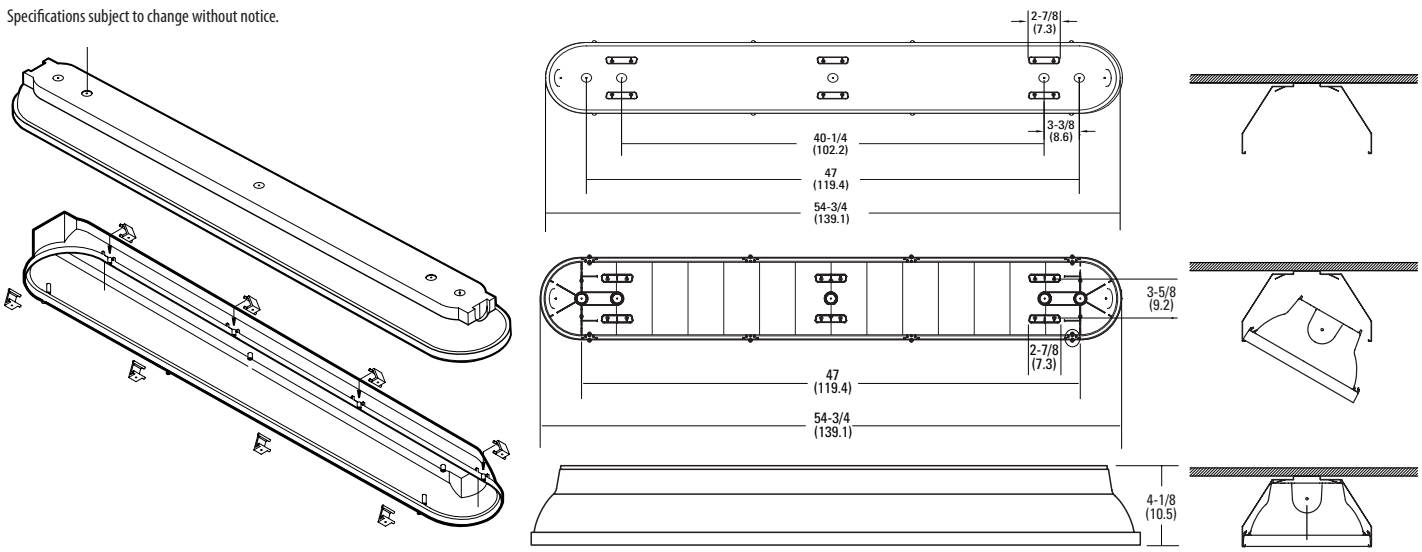
1. The CCT value provided is of lamp source and actual CCT will vary upon levels.
2. For additional options, consult factory.
3. Must specify voltage.
4. Requires CMB (chain mount bracket) option.
5. For stainless steel, specify STS (example: HC36 STS).
6. Available with 79LED and 114LED only.
7. 4100K and 5700K are LED CCTs.

VAP Linear Rough Service, LED

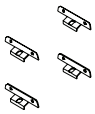
DIMENSIONS

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

Specifications subject to change without notice.

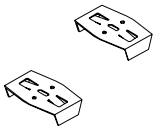


MOUNTING ACCESSORIES

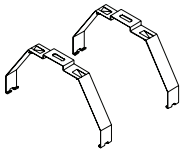


CMB - Ceiling Mounting Brackets

JMB - Junction Box Mounting Bracket



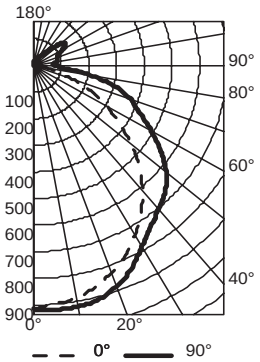
QMB - Quick-Mount Mounting Brackets



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

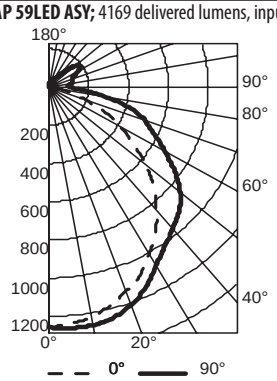
pf	20%								
pc	80%			70%			50%		
RCR pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
0	117	117	117	113	113	113	105	105	105
1	106	101	96	97	93	90	91	88	85
2	96	87	80	85	78	73	79	74	70
3	87	77	68	74	67	60	70	63	58
4	80	68	59	66	57	51	62	55	49
5	73	60	51	59	50	44	55	48	42
6	68	54	45	53	44	38	50	43	37
7	63	49	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

pf	20%								
pc	80%			70%			50%		
RCR pw	70%	50%	30%	50%	30%	10%	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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SPECIAL APPLICATIONS: One Lithonia Way Conyers, GA 30012 Phone: 800.315.4963 Fax: 770-981-8191 www.lithonia.com

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