LITHONIA LIGHTING®

Rough Service Fixture

ARCHWAY™ PASSAGE™

VAP LED

CEILING/ SUSPEND MOUNT

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for use in applications where smart, energy-efficient fixtures are desired. Typical applications include parking garages, canopies, transportation, schools, hospitals, cold storage and exterior retail environments where moisture or dust is a concern. Polycarbonate enclosure protects fixture while remaining easy to service and clean. Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. **Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.**

CONSTRUCTION — UV-stabilized, injection-molded, impact-resistant, frosted polycarbonate housing with continuous pouredin-place, closed-cell gasket. 20-gauge steel channel and channel cover. Aluminum sheet metal board plate for thermal conduction and support. Captive, tamper-resistant, polycarbonate latches standard (8 Torx T-20 tamper-resistant screws included). Stainless steel latches also available. Fixture design allows for approximately 4% up-light.

OPTICS — UV-stabilized, injection-molded, impact-resistant, clear transparent and frosted, polycarbonate lens with aesthetic rib detail (.080" thick). Miro 5 aluminum reflector used to achieve wide distribution.

ELECTRICAL — Utilizes high-output LEDs integrated on a two-layer circuit board, ensuring cool-running operation. Electronic LED driver rated for 44 input watts and is standard 0-10V dimming. Integral 6kV/3kA surge protection, tested in accordance to IEEE/ANSI standards. L85 at 60,000 hours.

INSTALLATION — Stainless steel surface mount 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 and vertical mounting on a wall, application must be under a covered ceiling and QMB option recommended. 1/2" - 3/4" KO. When wall mounted the product will be rated for damp location only.

LISTINGS — CSA Certified to UL and C-UL standards. For use in ambient temperatures ranging from -20°F (-29°C) to 104°F(40°C). VAP LED is wet location listed for covered ceiling applications. IP65 and IP66 rated. VAP LED is NSF Splash Zone rated when suspended or ceiling mounted. When wall mounted the product will be rated for damp location only. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms__and__conditions.aspx

For installed Rough Service Product(s), Acuity warrants that, for the lifetime of the product(s), the polycarbonate lens and/or polycarbonate housing will withstand breakage resulting from occasional physical abuse and rough handling (the "Rough Service Warranty"), notwithstanding the vandalism exclusion set forth at www.acuitybrands.com/CustomerResources/Terms__and__conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

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.

4-1/8 (10.5)
8-1/4 (21.0)
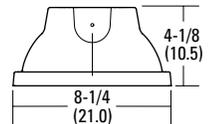
CA+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency

- This luminaire is part of an A+ Certified solution for nLight® or XPoint™ Wireless control networks marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

VAP Linear Rough Service, LED

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: VAP 4000LM FST MD MVOLT GZ10 40K 80CRI

VAP							
Series	**Nominal lumens**		**Diffuser**	**Distribution**	**Voltage**	**Driver**	**Color temperature**	**CRI**

VAP	4000LM	4,000 lumens	FST	Frosted polycarbonate lens	MD	Medium	MVOLT	MVOLT	GZ10	0 - 10V dimming	30K	3000K	80CRI	80 CRI
	6000LM	6,000 lumens	PCL	Clear polycarbonate lens	WD	Wide	120	120V			35K	3500K	90CRI	90 CRI
	12000LM	12,000 lumens[1]					277	277V			40K	4000K		
							347	347V[2]			50K	5000K		
							480	480V[2]						

Options[3]

SF	Single fuse[4]	STSL	Stainless steel tamper resistant latches	MSI10XAWL10M DSCXAWL	XPoint™ wireless integral motion sensor, On/Off operation for motion sensing, override Off due to daylight[4]
BSL520	Bodine® emergency LED battery pack for -20°C and up[4,5,6]	QMB	Quick-mount ceiling bracket		
WLF	Wet location fitting (two outboard, top)[7]	CMB	Chain-mount suspension bracket	MSI10NWL	Low mount 360 integral motion sensor, wet location, On/Off operation[4]
WLFIN	Wet location fitting (two inboard, top)[7]	JSB	Junction box snap-bracket	MSI102L3VWL	Low mount 360 integral motion sensor, wet location, High/Low operation (bi-level)[4]
WLFEND	Wet location fitting (one end)[7]	LSC	Lens safety clip		
WLFEND2	Wet location fitting (both ends)[7,8]	DL	Damp location[9]	MSI10NWL DSCNWL	Low mount 360 integral motion sensor, wet location, On/Off operation for motion sensing, override Off due to daylight[4]
CS89	6' white cord, 16/3, no plug, wet location	L/SP	Less surge protection device		
CS88	6' Brad Harrison 16/3 cord and straight blade plug set[4]			XAD	XPoint™ wireless controller ,0-10V dimming[1]
CS88L12	12' Brad Harrison 16/3 cord and straight blade plug set[4]				

Accessories: Order as separate catalog number. (Ships separately)

VAPSMB	Surface-mount bracket	RK1 T20BIT	Hex base driver bit, Torx T20. Tamper resistant screws with center reject pin
VAPQMB	Quick-mount ceiling bracket		
VAPCMB	Chain-mount bracket	RK1 T20DRV	Torx T20 screwdriver for use with tamper resistant screws with center reject pin
VAPJSB	Junction box snap bracket		
HC36	Wire hook and 36" chain set[10,11]		

Notes

1. Maximum ambient temperature 35°C. Not available with BSL520 option.
2. 347V and 480V utilize a step-down transformer. Available 60HZ only.
3. For additional options, consult factory.
4. Must specify voltage.
5. Not available with 12000LM lumen package. 4000LM maximum ambient temperature 35° C, 6000LM maximum ambient is 30°C.
6. Available in 120 or 277 VAC only.
7. 5/8" long NPT threaded hub.
8. Not available with cord, sensor, or photocell options.
9. Required when using battery packs or cord sets that are not rated for wet locations.
10. Requires CMB (chain mount bracket) option.
11. For stainless steel, specify STS (example: HC36 STS).

DIMENSIONS

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

Specifications subject to change without notice.

2-7/8 (7.3)

40-1/4 (102.2)

47 (119.4)

54-3/4 (139.1)

3-3/8 (8.6)

3-5/8 (9.2)

2-7/8 (7.3)

47 (119.4)

54-3/4 (139.1)

4-1/8 (10.5)

MOUNTING ACCESSORIES

CMB - Chain
Mounting Brackets

JSB - Junction Box
Mounting Bracket

QMB - Quick-Mount
Mounting Brackets

SMB - Surface Mount Brackets
(ship with fixture as standard)
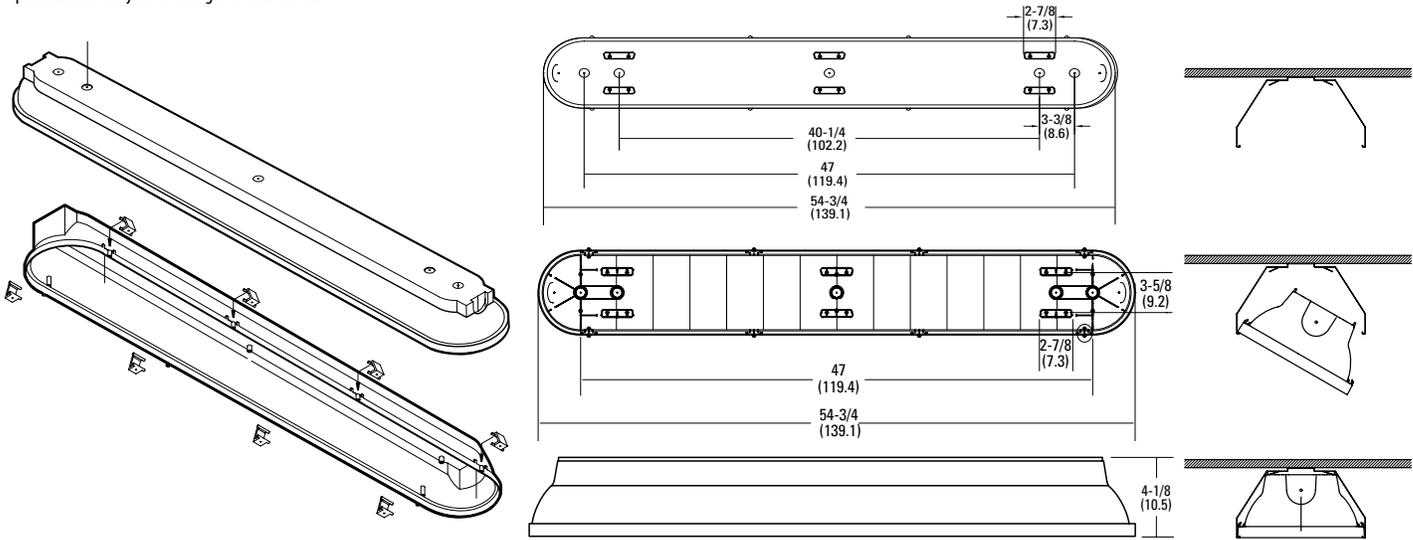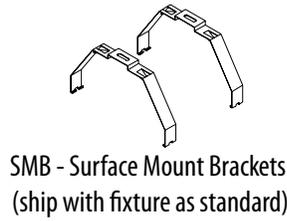
ARCHWAY™ PASSAGE™ LED Specification Matrix								
Nominal lumens	Initial delivered lumens @ 80CRI with clear polycarbonate lens			Initial delivered lumens @80CRI with frosted polycarbonate lens			Wattage @120V	Comparable source
	3500K	**4000K**	**5000K**	**3500K**	**4000K**	**5000K**		
4000LM	5,200	5,208	5,672	4,420	4,428	4,822	42	2-lamp 32W T8, 1-lamp 54W T5HO, 70W HID
6000LM	6,630	6,643	7,234	5,637	5,648	6,150	62	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
12000LM	11,034	11,056	12,040	9,380	9,400	10,236	107	4-lamp 32W T8, 2-lamp 54W T5HO, 150W HID

Operating hours	0	10,000	20,000	25,000	35,000	50,000	60,000	75,000	100,000
Lumen Maintenance Factor	1	.95	.92	.91	.89	.86	.84	.81	.77

LITHONIA LIGHTING®

SBOR - WET LOCATION Motion Sensor (see www.sensorswitch.com for additional information)

- 360° coverage
- On/Off dim
- Photocell optional
- IP66 rated
- Photocell and 0-10VDC dimming options.

Fixture sensor nomenclature	SBOR sensor nomenclature
For shortest lead times use one of the following SBOR configurations	
MSI10NWL	SBOR 10 OEX EB3 WH
MSI102L3VWL	SBOR 10 OEX D EB3 WH 3V
MSI10NWL DSCNWL	SBOR 10 OEX P EB3 WH

MOTION SENSOR

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

Example: MSI6NWL

Series	Lens option	Dimming	Minimum dim level	Environmental factors
MSI Passive infrared occupancy sensor	6 High mount, 360° 10 Low mount, 360°	N On\off 2LXX Bi level range[1] CXX Continous dim range[1] XA XPoint™ wireless signal to external system	0V Off 1V 1VDC 2V 2VDC 3V 3VDC 4V 4VDC 5V 5VDC	WL Wet location

PHOTOCELL (must be ordered with MSI motion sensor, see above fixture sensor nomenclature table)

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

Example: DSCNWL

Series	Dimming	Environmental factors
DSC Passive infrared occupancy sensor with photocell	N On\off 2LXX Bi level range[1] CXX Continous dim range[1] XA XPoint™ wireless signal to external system	WL Wet location

Notes

1 XX denotes dimming range.(Ex. 3V, 4V, etc.)

LITHONIA LIGHTING®

COVERAGE PATTERNS

PARKING GARAGE / LOW MOUNT APPLICATIONS

 In general, the SBOR 10 is recommended for 8-15 ft (2.44-4.57 m) mounting and provides a coverage area radius for walking motion of greater than 2x the mounting height. The SBOR 10 ODP is ideal for parking garage and low pole mount applications. When mounted 10 ft high, for example, on a luminaire in a parking garage, the sensor's coverage for walking motion extends out 30 ft in a 360º pattern. This closely matches the lighting distribution of a typical parking garage luminaire. When mounted to a light pole, for example, in a parking lot or along a path, the sensor provides 270º of coverage (90º is blocked by the pole). Note, walking askew to sensor typically results in earlier detection than walking directly at sensor.

SIDE VIEW

TOP VIEW
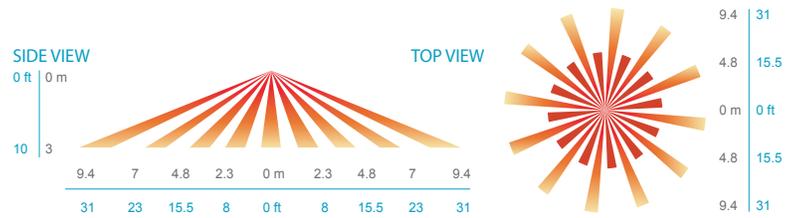
Coverage Pattern of Low Mount Lens Option (SBOR 10)

SITE & AREA LIGHTING / HIGH MOUNT APPLICATIONS

The SBOR 6 is intended for higher pole mount applications, between 15-30 ft (4.57-9.14 m), and provides a coverage area radius for walking motion of 15-20 ft (4.57-6.10 m). When mounted to a pole the sensor provides 270º of coverage (90º is blocked by the pole).

LOW VIEW

HIGH VIEW
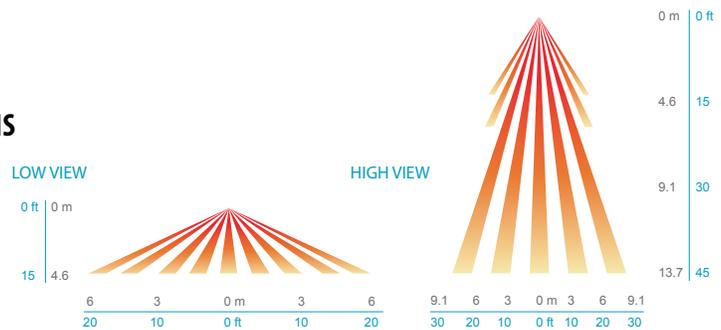
Coverage Pattern of High Mount Lens Option (SBOR 6)

LITHONIA LIGHTING®