

## 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 poured in 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. Standard 0-10V dimming. Integral 6kV/3kA surge protection, tested in accordance to IEEE/ANSI standards. >L88 at 60,000 hours (see chart on page 3).

**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/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**WARRANTY** — 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://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"), not withstanding the vandalism exclusion set forth at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://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.

Catalog Number
Notes
Type

ARCHWAY  
PASSAGE™

Rough Service Fixture

# VAP LED

CEILING/  
SUSPEND MOUNT



### Specifications

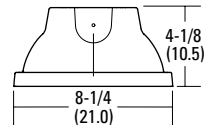
Length: 54-3/4 (139.1)

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.



## A+ 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](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

# VAP Linear Rough Service, LED



A+ Capable options indicated by this color background.

## 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 120/277V	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
	8000LM 8,000 lumens <sup>1</sup>			277 277V		40K 4000K	
	12000LM 12,000 lumens <sup>1,2,3</sup>			HVOLT 357/480V		50K 5000K	
	15000LM 15,000 lumens <sup>1,3,4,5</sup>			347 347V			
				480 480V			

Options			
BSL520	Bodine® emergency LED battery pack for -20°C and up <sup>4,5,6,7</sup>	STSL	Stainless steel tamper resistant latches
E15WCP	Emergency battery pack, 15W constant power, T20C <sup>4,6,8,9</sup>	QMB	Quick-mount ceiling bracket
WLF	Wet location fitting (two outboard, top) <sup>9</sup>	CMB	Chain-mount suspension bracket
WLFIN	Wet location fitting (two inboard, top) <sup>9</sup>	JSB	Junction box snap-bracket
WLFEND	Wet location fitting (one end)	LSC	Lens safety clip
WLFEND2	Wet location fitting (both ends) <sup>9,10</sup>	DL	Damp location
CS89	6' white cord, 16/3, no plug, wet location <sup>11</sup>	BGTD	Bodine generator transformer device <sup>4,7,12</sup>
CS88	6' Brad Harrison 16/3 cord and straight blade plug set <sup>7</sup>	SF	Single fuse (120, 277, 347V)
CS88L12	12' Brad Harrison 16/3 cord and straight blade plug set <sup>7</sup>	DF	Double fuse (208, 240, 480V)
		SPD	Surge protection device
		MSI10XAWL10M DSCXAWL	XPoint™ wireless integral motion sensor, On/Off operation for motion sensing, override Off due to daylight <sup>4,7</sup>
		MSI10NWL	Low mount 360 integral motion sensor, wet location, On/Off operation <sup>4,7</sup>
		MSI102L3VWL	Low mount 360 integral motion sensor, wet location, High/Low operation (bi-level) <sup>4,7</sup>
		MSI10NWL DSCNWL	Low mount 360 integral motion sensor, wet location, On/Off operation for motion sensing, override Off due to daylight <sup>4,7</sup>
		XAD	XPoint™ wireless controller, 0-10V dimming <sup>4,12</sup>

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	RK1 T20DRV	Torx T20 screwdriver for use with tamper resistant screws with center reject pin
VAPCMB	Chain-mount bracket		
VAPJSB	Junction box snap bracket		
HC36	Wire hook and 36" chain set <sup>13,14</sup>		

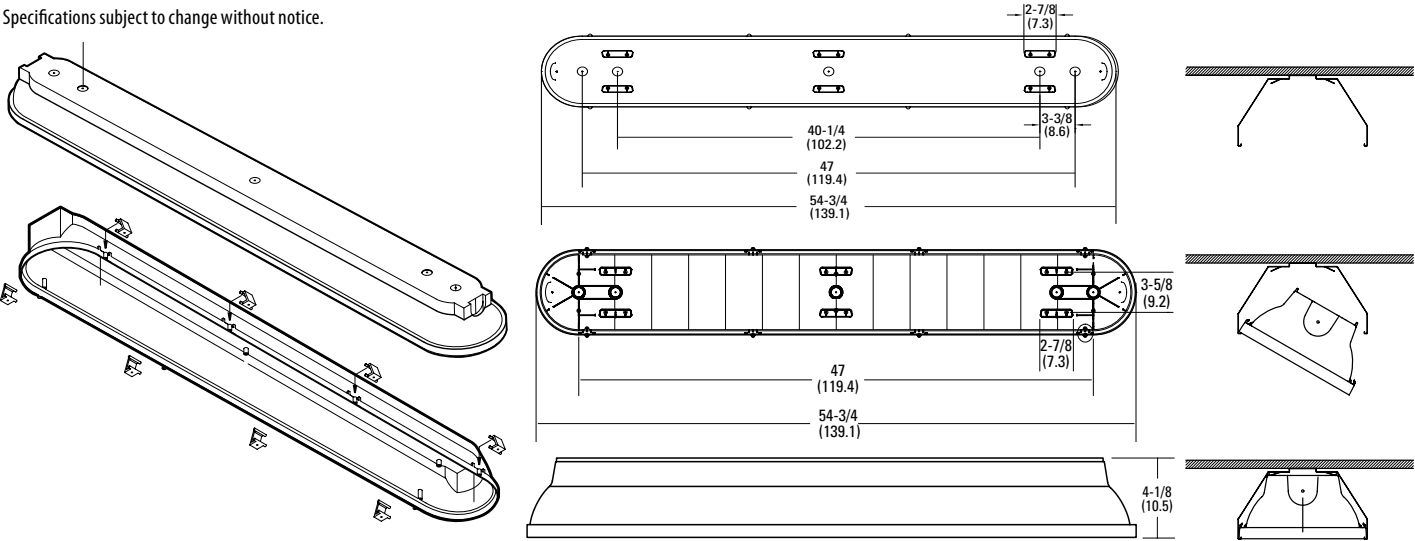
## Notes

- Not available with BSL520 battery option
- When used with XAD, HVOLT, 347 and 480, maximum ambient temperature is 35°C.
- Not available with E15WCP.
- Not available with HVOLT, 347 and 480.
- Maximum ambient temperature 35°C.
- Not available with XPoint options.
- Must specify voltage.
- Minimum ambient temperature is 0°C. Title 20 compliant. Maximum mounting height is 25ft.
- Utilizes 5/8" long NPT threaded hub.
- Not available with cord, sensor or photocell options.
- Fixtures ship with black 4-conductor cords when BSL520 options are ordered.
- If used with 8000LM, 12000LM or 15000LM, maximum ambient temperature is 35°C.
- Requires CMB (chain mount bracket) option.
- For stainless steel, specify STS (ex. HC36 STS).

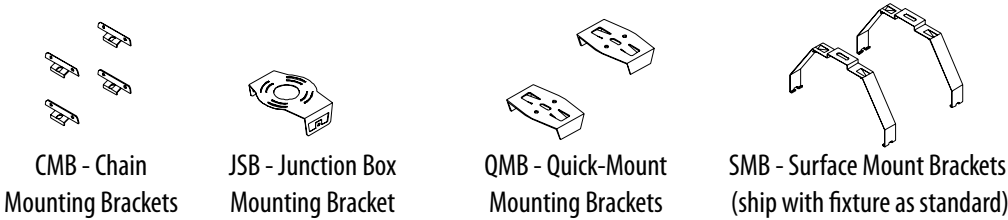
VAP Linear Rough Service, LED

DIMENSIONS

All dimensions are shown in inches (centimeters) unless otherwise noted.  
Specifications subject to change without notice.



MOUNTING ACCESSORIES



ARCHWAY™ PASSAGE™ LED Specification Matrix											
Nominal lumens	Distribution	Initial delivered lumens @ 80CRI with clear polycarbonate lens				Initial delivered lumens @ 80CRI with frosted polycarbonate lens				Wattage @120V	Comparable source
		30K	35K	40K	50K	30K	35K	40K	50K		
4000LM	MD	4295	4446	4517	4647	3695	3777	3887	3998	33	2-lamp 32W T8, 1-lamp 54W T5, 70W HID
	WD	4208	4357	4426	4553	3623	3750	3810	3919		
6000LM	MD	6013	6226	6325	6506	5174	5357	5443	5598	49	3-lamp 32W T8, 2-lamp 54W T5, 100W HID
	WD	5892	6100	6198	6375	5072	5251	5335	5488		
8000LM	MD	8348	8643	8781	9032	7183	7437	7556	7772	67	4-lamp 32W T8, 2-lamp 54W T5, 150W HID
	WD	8180	8469	8604	8850	7042	7290	7407	7618		
12000LM	MD	11742	12156	12350	12703	10103	10460	10627	10931	99	6-lamp 32W T8, 3-lamp 54W T5, 250W HID
	WD	11505	11911	12101	12447	9904	10254	10417	10715		
15000LM	MD	14519	15031	15271	15708	12493	12934	13140	13516	115	6-lamp 32W T8, 4-lamp 54W T5, 250W HID
	WD	14226	14728	14963	15391	12246	12679	12881	13249		

Lumen Maintenance @ 25C

Operating Hours	0	10,000	20,000	25,000	35,000	50,000	60,000	75,000	100,000
4000LM	1	0.980	0.973	0.969	0.962	0.952	0.95	0.935	0.919
6000LM	1	0.972	0.962	0.957	0.950	0.933	0.923	0.909	0.886
8000LM	1	0.962	0.947	0.94	0.925	0.903	0.889	0.868	0.834
12000LM	1	0.970	0.960	0.952	0.940	0.922	0.910	0.900	0.865
15000LM	1	0.969	0.956	0.949	0.936	0.917	0.905	0.886	0.857

## SBOR - WET LOCATION Motion Sensor (see [www.sensorswitch.com](http://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	
<b>MSI10NWL</b>	SBOR 10 OEX EB3 WH
<b>MSI102L3VWL</b>	SBOR 10 OEX D EB3 WH 3V
<b>MSI10NWL DSCNWL</b>	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	0V Off	WL Wet location
		2LXX Bi level range <sup>1</sup>	1V 1VDC	
		CXX Continuous dim range <sup>1</sup>	2V 2VDC	
		XA XPoint™ wireless signal to external system	3V 3VDC	
			4V 4VDC	
			5V 5VDC	

## 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	WL Wet location
	2LXX Bi level range <sup>1</sup>	
	CXX Continuous dim range <sup>1</sup>	
	XA XPoint™ wireless signal to external system	

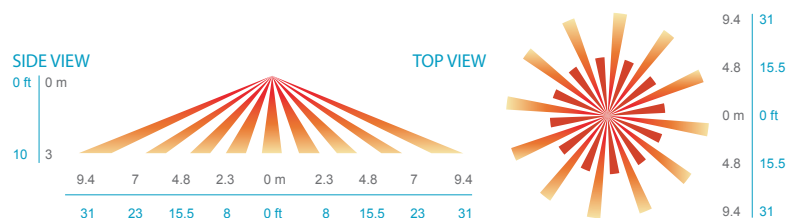
### Notes

<sup>1</sup> XX denotes dimming range.(Ex. 3V, 4V, etc.)

## COVERAGE PATTERNS

### PARKING GARAGE / LOW MOUNT APPLICATIONS

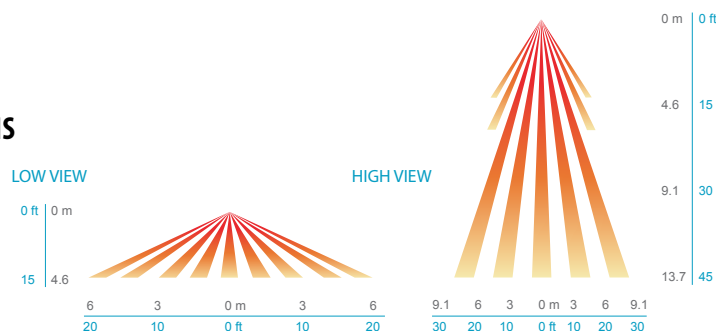
In general, the SBOR 10 is recommended for 8-15 ft (2.44-4.57 m) mounting and provides a coverage area radius for walking motion of greater than 2x the mounting height. The SBOR 10 ODP is ideal for parking garage and low pole mount applications. When mounted 10 ft high, for example, on a luminaire in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



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 270° of coverage (90° is blocked by the pole).



Coverage Pattern of High Mount Lens Option (SBOR 6)