

# Vantage® LED

LED High Bay



Catalog Number	
Notes	Type

### Description

The Vantage LED luminaire exceeds rigorous demands of food-processing plants and related areas, thanks to its strategic sloped shape and ultra-sleek corrosion-resistant finish that repel water and provide nowhere for food, dirt or debris to hide.

### Optics

- Prismatic acrylic optic directs light where needed and reduces harsh glare.
- Medium distribution with optional uplight reflector.
- Wide distribution with optional uplight reflector.
- Highly engineered LED system ensures superior uniformity and maximizes spacing.

### Electrical

- 0–10V dimming driver is standard (must specify the DM option to enable dimming).
- CRI > 70 (nominal) is standard.
- 4000K or 5000K CCT available.
- Fault-tolerant LED light engine continues to provide light even in the failure of one LED.
- Aluminum core printed circuit board.
- 10kA/10kV surge protection is standard.
- Optional 20kA in-line surge available. 120-277 only.

### Mechanical

- Robust cast aluminum housing with low copper content (0.6% CU content) withstands harsh or hostile environments.
- Pendant mount standard.
- Achieves up to 131°F (55°C) ambient rating.
- Standard fixture color is white.

### Listings

- CSA and UL Listed to 1598 standard for use in wet locations.
- IP66 rated.
- NSF Splash Zone listed.
- 1500psi hosedown.

### 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).

**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.

### Typical Applications

- Food processing and handling
- Poultry and meat processing
- Beverage processing
- Grain and sugar processing
- Chemical facilities
- Pharmaceutical plants
- Pet-food production

### Dimensions: Inches (millimeters) unless otherwise noted.

Diameter: 20.65 (524.51)  
 Height: 16.67 (423.42)  
 Weight: 36 lbs. (16.3 kg)

## ORDERING INFORMATION

Example: VL 18L 4K AS M

Series	Lumens <sup>1</sup>	Color temperature	Voltage	Optics
VL	12L 12,000 lumens <sup>2</sup>	3K 3000K CCT	AS Auto sensing (120V–277V)	M Medium W Wide MU Medium with uplight reflector WU Wide with uplight reflector
	22L 22,000 lumens <sup>4</sup>	4K 4000K CCT	27 277V	
	14L 14,000 lumens <sup>2</sup>	5K 5000K CCT	12 120V AH Auto sensing (347V/480V)	
	28L 28,000 lumens <sup>4</sup>		20 208V 34 347V	
	18L 18,000 lumens <sup>3</sup>		24 240V 48 480V	

### Options

CDPW-L5-15-X	120V cord and Daniel Woodhead watertite plug (includes PF-291) <sup>5</sup>	CDW-X	X-ft white cord and hook (includes PF-291) <sup>8</sup>	SBGR6	360° motion sensor embedded, high bay 15–45 ft., on/off, IP66 rated <sup>12</sup>
CDPW-L6-15-X	208V/240V cord and Daniel Woodhead watertite plug (includes PF-291) <sup>6</sup>	CDY-X	X-ft yellow cord and hook (includes PF-291) <sup>8</sup>	SBGR6D	360° motion sensor embedded, high bay 15–45 ft., on/off with second time-out period, goes to a dimmed state before turning off max./min. Dim setting, IP66 rated <sup>13</sup>
CDPW-L7-15-X	277V cord and Daniel Woodhead watertite plug (includes PF-291) <sup>7</sup>	CDAM-X	Antimicrobial cord and Daniel Woodhead watertite plug (includes PF-291) <sup>8</sup>	AXA10	XPoint Wireless enabled <sup>14</sup>
CDPAM-L5-15-X	120V antimicrobial cord and Daniel Woodhead watertite plug (includes PF-291) <sup>5</sup>	F1	Single fusing <sup>9</sup>	MSE6AWL DSCXAWL	XPoint wireless enabled with photocell & occupancy sensor <sup>15</sup>
CDPAM-L6-15-X	208V/240V antimicrobial cord and Daniel Woodhead watertite plug (includes PF-291) <sup>6</sup>	F2	Double fusing <sup>10</sup>	80CRI	80 CRI CCT
CDPAM-L7-15-X	277V antimicrobial cord and Daniel Woodhead watertite plug (includes PF-291) <sup>7</sup>	SPAS20K	20kA in-line surge. 120-277		
		DM	0–10V dimming knockout <sup>11</sup>		

### Accessories: Order as separate catalog number.

CDCW-L5-15-3	120V white cord and Daniel Woodhead watertite connector (wet locations)	CDCW-L7-15-3	277V white cord and Daniel Woodhead watertite connector (wet locations)
CDCW-L6-15-3	208/240V white cord and Daniel Woodhead watertite connector (wet locations)	PF-291	Universal gasketed hook assembly, 3/4" male

For Footnotes, see page 2

## ORDERING DATA (cont'd)

### Notes

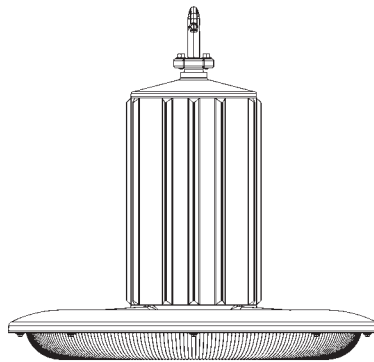
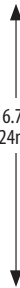
- 1 Nominal lumens, see IES file for delivered lumens, 70 CRI is standard.
- 2 Rated at 55°C.
- 3 Rated at 55°C with AS, 12, 20, 24, 27 voltages only. Rated 50°C WITH AH, 34 and 48 voltages.
- 4 Rated at 45°C.
- 5 12 voltage required. X signifies feet of cord (3-6 ft is standard).
- 6 20 or 24 voltage required. X signifies feet of cord (3-6 ft is standard).
- 7 27 voltage required. X signifies feet of cord (3-6 ft is standard).
- 8 X signifies feet of cord (3-6 ft is standard). No plug.
- 9 Specify voltage; 12, 24, 27 or 34.
- 10 Specify voltage; 20, 24 or 48.
- 11 1/2" NPT provided for dimming connection. Not Available with AXA10, MSE6XAWL DSCXAWL, SBGR6D options.
- 12 CSA listed, not NSF rated or 1500 PSI rated. Not UL listed. Not available with AXA10, MSE6XAWL DSCXAWL, SBGR6D.
- 13 CSA listed, not available with DM option. Not NSF rated or 1500 PSI rated, Not UL listed. Not available with AXA10, MSE6XAWL DSCXAWL, SBGR6 options.
- 14 CSA listed. Not UL listed. Available with 120, 208, 240, 277 voltages only. Not available with MSE6XAWL DSCXAWL, SBGR6, SBGR6D, DM options. 45° C rated only.
- 15 CSA listed, not NSF rated or 1500 PSI rated. Not UL listed. Available with 120, 208, 240, 277 voltages only. Not available with AXA10, SBGR6, SBGR6D, DM options. 45° C rated only.

## DIMENSIONAL DATA

20.50"  
520mm

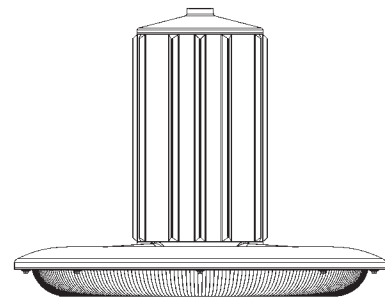
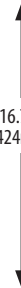


16.70"  
424mm



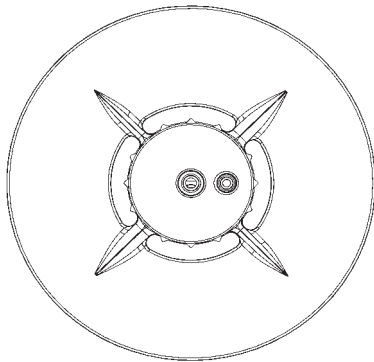
**Gasketed Hook**

16.70"  
424mm

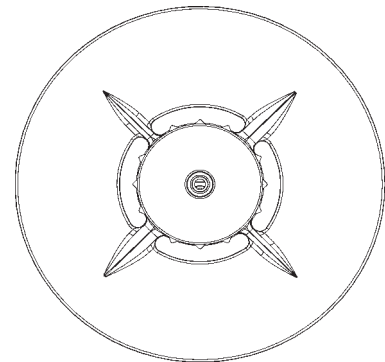
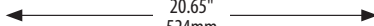


**Pendant**

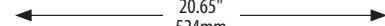
Top View



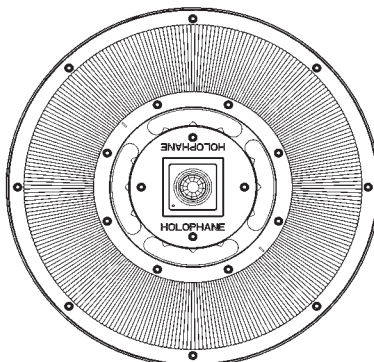
20.65"  
524mm



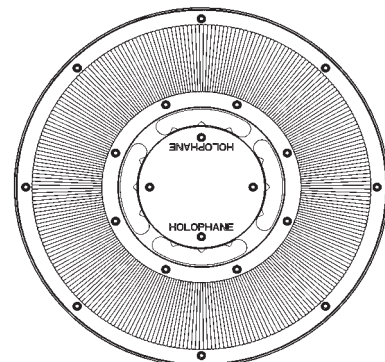
20.65"  
524mm



Bottom View



**with Motion Sensor option**



**OPERATIONAL DATA**

Operating Characteristics

Package	Ambient Rating	Distribution	Delivered Lumens 5000K CCT @25°C <sup>1</sup>	Delivered Lumens 4000K CCT @25°C <sup>1</sup>	Wattage @ 120V	LPW @ 5000K
VL12L	-40°F to 131°F (-40°C to 55°C)	M	12,050	11,975	99	122
		MU	11,347	11,277	99	114
		W	11,385	11,314	99	115
		WU	11,070	11,001	99	112
VL14L	-40°F to 131°F (-40°C to 55°C)	M	15,269	15,174	128	119
		MU	14,379	14,290	128	112
		W	14,427	14,337	128	113
		WU	14,027	13,940	128	109
VL18L	-40°F to 131°F (-40°C to 55°C)	M	17,836	17,726	140	127
		MU	16,797	16,692	140	120
		W	16,852	16,748	140	120
		WU	16,386	16,284	140	117
VL22L	-40°F to 131°F <sup>2</sup> (-40°C to 55°C)	M	22,406	22,267	188	119
		MU	21,100	20,969	188	112
		W	21,170	21,038	188	112
		WU	20,583	20,455	188	109
VL28L	-40°F to 113°F (-40°C to 45°C)	M	29,071	28,891	245	118
		MU	27,377	27,206	245	112
		W	27,468	27,297	245	112
		WU	26,707	26,541	245	109

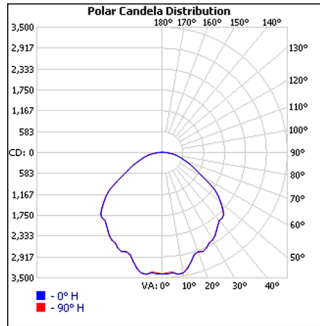
Projected Lumen Maintenance (TM-21)<sup>3</sup>

Package	0 Hours	15,000 Hours	30,000 Hours	45,000 Hours	60,000 Hours	100,000 Hours
VL 28L @ 25C	1.0	0.98	0.97	0.96	0.95	0.94
VL 28L @ 40C	1.0	0.96	0.95	0.94	0.93	0.89
VL 28L @ 45C	1.0	0.96	0.94	0.92	0.90	0.85
VL 22L @ 25C	1.0	0.98	0.97	0.96	0.95	0.93
VL 22L @ 40C	1.0	0.96	0.95	0.94	0.92	0.89
VL 22L @ 55C	1.0	0.95	0.93	0.91	0.89	0.84
VL 18L, 14L, 12L @ 25C	1.0	0.98	0.97	0.97	0.96	0.95
VL 18L, 14L, 12L @ 40C	1.0	0.98	0.97	0.96	0.95	0.93
VL 18L, 14L, 12L @ 55C	1.0	0.96	0.95	0.93	0.92	0.89

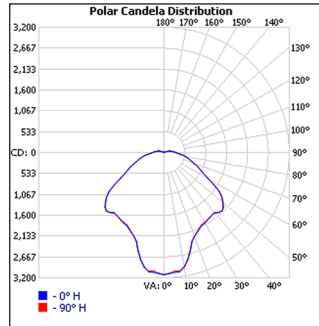
**Notes**

- 1 Absolute photometry calculated in accordance with IESNA LM-79-08
- 2 Occupancy Sensor rated at 50°C, 347/480 voltages rated at 50°C
- 3 Calculated using data collected according to LM-80 and represents lumen maintenance of the LED package.

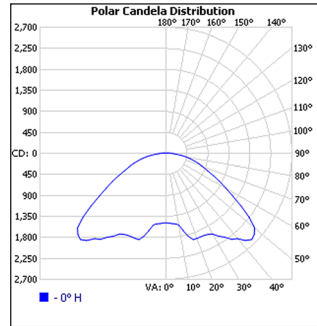
DISTRIBUTION DATA



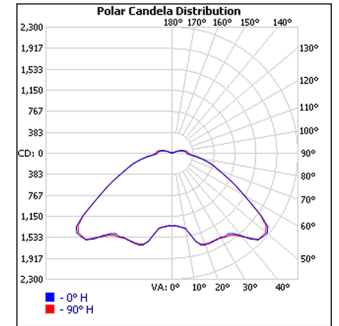
Medium



Medium with Uplight Reflector



Wide



Wide with Uplight Reflector

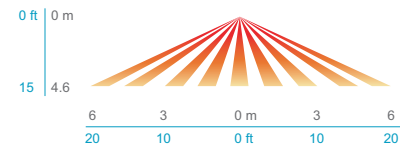
CONTROLS



**SBGR6, SBGR6D, MSE6AWL DSCXAWL Coverage Data. AXA10 wireless enabled.**

- Best choice for 15 to 45 ft. (4.57 to 13.72 m) mounting heights
- 15 to 20 ft. (4.57 to 6.10 m) radial coverage overlaps area lit by a typical high bay fixture
- Large motion (e.g., walking) detection up to a 35-ft. (10.76 m) mounting height
- Extra large motion (e.g., forklifts) detection up to a 45-ft. (13.72 m) mounting height

LOW VIEW



HIGH VIEW

