

# SYLVANIA Luminaires

## UltraLED™ CCT and Lumen Selectable Wide Body Vapor Tight

### Application

The Vapor Tight luminaires are environmentally preferable LED alternatives to traditional HID or fluorescent luminaires, offering up to 69% in energy savings. Ideal in place of traditional luminaires, or as new installations, the Vapor Tight series is suitable for illuminating garages, stairwells, industrial areas, canopies, and outdoor walkways.

### Benefits and Features

- DLC listing ensures high energy efficacy and optimizes this product for utility rebates
- Both lumen and CCT selectable
- IP65 rating, NEMA 4X rating, NSF Splash Zone rating and an IK10 rating ensure a robust and resilient luminaire
- Standard 4kV surge suppression with optional 10kV models
- Optional integrated microwave (daylight/motion) sensor and emergency battery back-up for additional energy savings
- Up to 150 LPW
- Selectable 3500K, 4000K, or 5000K color temperatures
- Offered in two selectable wattage/lumen packages (60, 75 or 90W and 120, 150 or 180W)
- Standard 110° optics with 165° optics available as a field-installed or factory-installed option
- CRI >80
- Energy savings up to 69%

### Electrical

- 120-277V<sub>AC</sub>, either 347V<sub>AC</sub> or 480V<sub>AC</sub> (See Ordering Guide for further details)
- Power Factor >90%
- THD <20%
- 0-10V dimmable down to 5%
- Auxiliary 12V output

### Rated Life

- 75,000 hours (L<sub>70</sub>)

### Warranty

- 5-year
- NLB Trusted Warranty Program

### Ambient Operating Range

- -4°F to +104°F (-20°C to +40°C)

Item #
Type
Project
Notes
Date



### Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
4-lamp 32T8	112	60	46%
2-lamp 54T5H0	121	60	50%
4-lamp 32T8	112	75	33%
2-lamp 54T5H0	121	75	38%
3-lamp 54T5H0	175	90	49%
250W HID	290	90	69%
4-lamp 54T5H0	220	120	45%
8-lamp 32T8	224	120	46%
250W HID	290	120	59%
8-lamp 32T8	224	150	33%
320W MH	370	150	59%
6-lamp 54T5H0	350	180	49%
320 MH	370	180	51%

### Certifications and Listings

- cULus
- RoHS
- FCC
- NSF
- NEMA 4X
- MTO
- IK10
- DLC 5.1 Standard

### Installation

- Can be surface mounted or suspended
- Surface mount brackets included
- V-hooks included
- Optional mounting chains, mounting cables, and pendant mounting brackets available
- Suitable for wet locations



## Ordering Guide

WVAP	1A	/ SXXX	/ XXX	D	8	SC7	/ 48	XX	/ GR	/ XX
Product Name	Generation	Selectable Wattage	Voltage	Dimming	CRI	Selectable Color	Length	Lens Type	Color/Finish	Options
WVAP = Wide Body	1A	S090 = 60, 75 or 90W	UNV = 120-277V DHV = 347 or 480V	D = 0-10V dimming	8 = 80	Temperature SC7 = 3500, 4000 or 5000K	48"	EC = Etched Lens W1 = 165° Wide Optics	GR = Gray	blank = No option D = Motion/Daylight Sensor E = Emergency Battery Back-up DE = Motion/Daylight Sensor + Emergency Battery Back-up 6C = With 6ft cord
Vapor Tight		S180 = 120, 150 or 180W	USP = 120-277V (with 10kv surge protection)							

## Ordering Information

Item Number	Ordering Abbreviation	Wattage (W)	Input Voltage (V)	Dimming	CRI	Color Temperature (CCT)	Total Fixture Lumens	LPW	Options	DLC	MTO*
65414	WVAP1A/S090/UNVD8SC7/48EC/GR	60, 75 or 90	120-277V	0-10V	>80	3500, 4000 or 5000	9000, 11,250 or 13,500	150	–	5.1 Std	–
62279	WVAP1A/S090/UNVD8SC7/48EC/GR/6C	60, 75 or 90	120-277V	0-10V	>80	3500, 4000 or 5000	9000, 11,250 or 13,500	150	With 6ft cord	5.1 Std	MTO
65415	WVAP1A/S180/UNVD8SC7/48EC/GR	120, 150 or 180	120-277V	0-10V	>80	3500, 4000 or 5000	18,000, 22,500 or 27,000	150	–	5.1 Std	–
65708	WVAP1A/S180UNVD8SC7/48EC/GR/6C	120, 150 or 180	120-277V	0-10V	>80	3500, 4000 or 5000	18,000, 22,500 or 27,000	150	With 6ft cord	5.1 Std	–
65518	WVAP1A/S090/UNVD8SC7/48EC/GR/D	60, 75 or 90	120-277V	0-10V	>80	3500, 4000 or 5000	9000, 11,250 or 13,500	150	Motion/Daylight Sensor <sup>1</sup>	5.1 Std	MTO
65519	WVAP1A/S180/UNVD8SC7/48EC/GR/D	120, 150 or 180	120-277V	0-10V	>80	3500, 4000 or 5000	18,000, 22,500 or 27,000	150	Motion/Daylight Sensor <sup>1</sup>	5.1 Std	MTO
65520	WVAP1A/S090/UNVD8SC7/48EC/GR/E	60, 75 or 90	120-277V	0-10V	>80	3500, 4000 or 5000	9000, 11,250 or 13,500	150	Emergency Battery Back-up <sup>2</sup>	5.1 Std	MTO
65521	WVAP1A/S180/UNVD8SC7/48EC/GR/E	120, 150 or 180	120-277V	0-10V	>80	3500, 4000 or 5000	18,000, 22,500 or 27,000	150	Emergency Battery Back-up <sup>2</sup>	5.1 Std	MTO
62132	WVAP1A/S090/UNVD8SC7/48EC/GR/DE	60, 75 or 90	120-277V	0-10V	>80	3500, 4000 or 5000	9000, 11,250 or 13,500	150	Motion/Daylight Sensor <sup>1</sup> + Emergency Battery Back-up <sup>2</sup>	5.1 Std	MTO
62133	WVAP1A/S180/UNVD8SC7/48EC/GR/DE	120, 150 or 180	120-277V	0-10V	>80	3500, 4000 or 5000	18,000, 22,500 or 27,000	150	Motion/Daylight Sensor <sup>1</sup> + Emergency Battery Back-up <sup>2</sup>	5.1 Std	MTO
65562	WVAP1A/S090/USPD8SC7/48EC/GR	60, 75 or 90	120-277V	0-10V	>80	3500, 4000 or 5000	9000, 11,250 or 13,500	150	10kv surge protection	5.1 Std	MTO
65563	WVAP1A/S180/USPD8SC7/48EC/GR	120, 150 or 180	120-277V	0-10V	>80	3500, 4000 or 5000	18,000, 22,500 or 27,000	150	10kv surge protection	5.1 Std	MTO
62135	WVAP1A/S090/UNVD8SC7/48W1/GR	60, 75, or 90	120-277V	0-10V	>80	3500, 4000 or 5000	9000, 11,250 or 13,500	150	165° distribution	5.1 Std	MTO
62136	WVAP1A/S180/UNVD8SC7/48W1/GR	120, 150, or 180	120-277V	0-10V	>80	3500, 4000 or 5000	18,000, 22,500 or 27,000	150	165° distribution	5.1 Std	MTO
65564	WVAP1A/S090/DHVD8SC7/48EC/GR	60, 75 or 90	Either 347 or 480V only	0-10V	>80	3500, 4000 or 5000	9000, 11,250 or 13,500	150	–	5.1 Std	MTO
65565	WVAP1A/S180/DHVD8SC7/48EC/GR	120, 150 or 180	Either 347 or 480V only	0-10V	>80	3500, 4000 or 5000	18,000, 22,500 or 27,000	150	–	5.1 Std	MTO
65566	WVAP1A/S090/DHVD8SC7/48EC/GR/D	60, 75 or 90	Either 347 or 480V only	0-10V	>80	3500, 4000 or 5000	9000, 11,250 or 13,500	150	Motion/Daylight Sensor <sup>1</sup>	5.1 Std	MTO
65567	WVAP1A/S180/DHVD8SC7/48EC/GR/D	120, 150 or 180	Either 347 or 480V only	0-10V	>80	3500, 4000 or 5000	18,000, 22,500 or 27,000	150	Motion/Daylight Sensor <sup>1</sup>	5.1 Std	MTO

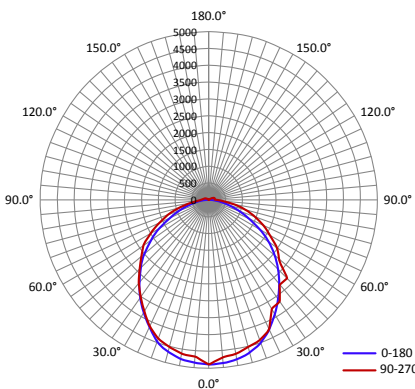
<sup>1</sup> Default sensor options can only be changed with the remote 65305

<sup>2</sup> EMBB provides 1200 lumens for 90 minutes

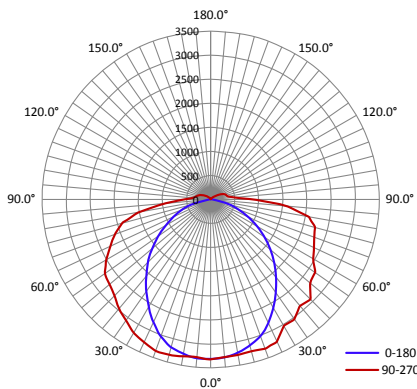
\*Made To Order

## Photometric Information

### Etched Lens



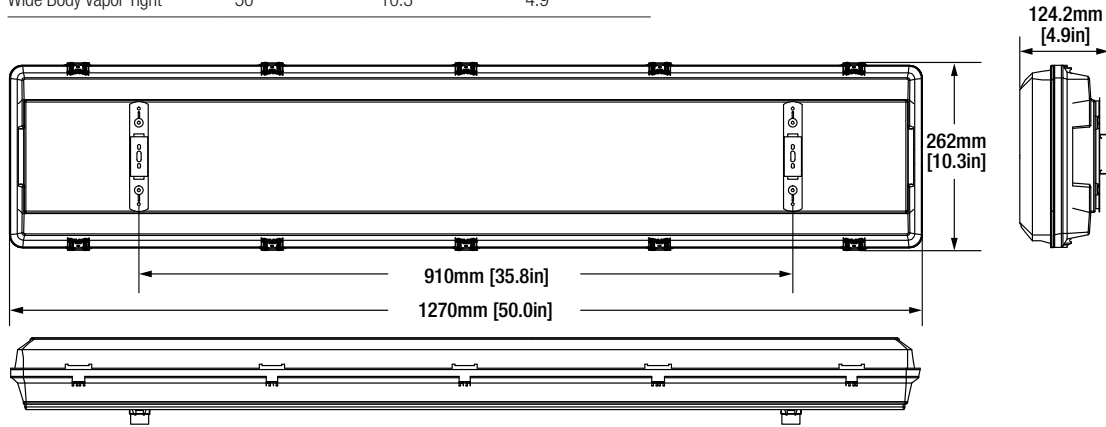
### Wide Distribution



Light levels shown are for 90W luminaire – light levels are doubled for 180W luminaire.

## Physical Information

Lamp Description	Length (in)	Width (in)	Height (in)
Wide Body Vapor Tight	50	10.3	4.9



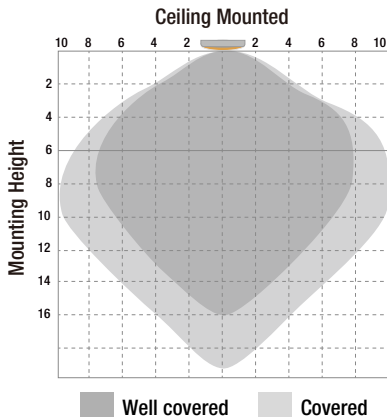
## Accessories

Item Number	Ordering Abbreviation	Item Description
60573	LNHIBA2A/CHAINMT	Chain Mount (5 foot, 1 pair)
60574	LNHIBA2A/ACCABLEMT	Cable Mount (5 foot, 1 pair)
62134	WVAP1A/PENDANTMOUNTBRACKETS	Pendant Mount Brackets – 2 brackets per SKU for mounting 1 luminaire
65305	STRIP2AREMOTE	Sensor Remote (functional up to 49ft (15m))*
62221	WVAP1A/090/WIDE1OPTIC	165° Field Installable Optics for 90 Watt fixture – includes 1 set of optics for 1 fixture per SKU
62222	WVAP1A/180/WIDE1OPTIC	165° Field Installable Optics for 180 Watt fixture – includes 1 set of optics for 1 fixture per SKU

\*The default setting of the sensor can only be changed using the remote

## Optional Sensor Information

### Detection Range



Units are shown in meters.

This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

### Optional Motion/Daylight Sensor Default Settings\*

Detection area	100%
Hold time – Time fixture stays at 100% after last motion before dimming	5 Minutes
Daylight threshold – light level above which light will remain off	50 Lux
Stand-by period – Time light remains dimmed before shutting off	30 Minutes
Stand-by dimming – Dimming level of light during stand-by period	30%

\*The default settings can only be changed using the optional remote 65305.

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