

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

- 120-277VAC, either 347VAC or 480VAC (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 (L₇₀)

Warranty

- 5-year
- NLB Trusted Warranty Program

Ambient Operating Range

- -22°F to +104°F (-30°C to +40°C)
- -4°F to 140°F (-20°C to +60°C) for EMBB



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



Catalog #	Type
Project	
Comments	
Prepared by	

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 = 60/75/90W	UNV = 120-277V	D = 0-10V dimming	8 = >80	Temperature	48"	EC = Etched Lens	GR = Gray	blank = No option
Vapor Tight		S180 = 120/150/180W	DHV = 347 or 480V	USP = 120-277V (with 10kv surge protection)		SC7 = 3500/4000/5000K		W1 = 165° Wide Optics		D = Motion/Daylight Sensor E = Emergency Battery Back-up DE = Motion/Daylight Sensor + Emergency Battery Back-up 6C = With 6ft cord L5= With 8ft cord and L5 plug L7= With 11ft cord and L7 plug

Ordering Information

Item Number	Ordering Abbreviation	Wattage (W)	Input Voltage (V)	Dimming	CRI	Color Temperature (CCT)	Total Fixture Lumens	LPW	Options	 MTO*
66203	WVAP1A/S090/UNVD8SC7/48EC/GRL7	60/75/90	120-277	0-10V	>80	3500/4000/5000K	9000/11,250/13,500	150	With 11ft cord and L7 plug	MTO
66204	WVAP1A/S180/UNVD8SC7/48EC/GRL7	120/150/180	120-277	0-10V	>80	3500/4000/5000K	18,000/22,500/27,000	150	With 11ft cord and L7 plug	MTO
65910	WVAP1A/S090/UNVD8SC7/48EC/GRL5	60/75/90	120-277	0-10V	>80	3500/4000/5000K	9000/11,250/13,500	150	With 8ft cord and L5 plug	MTO
65911	WVAP1A/S180/UNVD8SC7/48EC/GRL5	120/150/180	120-277	0-10V	>80	3500/4000/5000K	18,000/22,500/27,000	150	With 8ft cord and L5 plug	MTO
62279	WVAP1A/S090/UNVD8SC7/48EC/GR/6C	60/75/90	120-277	0-10V	>80	3500/4000/5000K	9000/11,250/13,500	150	With 6ft cord	MTO
63562	WVAP1A/S180/DHVD8SC7/48EC/GR/6C	120/150/180	120-277	0-10V	>80	3500/4000/5000K	18,000/22,500/27,000	150	With 6ft cord	MTO
65708	WVAP1A/S180/UNVD8SC7/48EC/GR6C	120/150/180	120-277	0-10V	>80	3500/4000/5000K	18,000/22,500/27,000	150	With 6ft cord	MTO
62132	WVAP1A/S090/UNVD8SC7/48EC/GR/DE	60/75/90	120-277	0-10V	>80	3500/4000/5000K	9000/11,250/13,500	150	Motion/Daylight Sensor ¹ + Emergency Battery Back-up ²	MTO
62133	WVAP1A/S180/UNVD8SC7/48EC/GR/DE	120/150/180	120-277	0-10V	>80	3500/4000/5000K	18,000/22,500/27,000	150	Motion/Daylight Sensor ¹ + Emergency Battery Back-up ²	MTO
65518	WVAP1A/S090/UNVD8SC7/48EC/GRD	60/75/90	120-277	0-10V	>80	3500/4000/5000K	9000/11,250/13,500	150	Motion/Daylight Sensor ¹	MTO
65566	WVAP1A/S090/DHVD8SC7/48EC/GRD	60/75/90	Either 347 or 480V only	0-10V	>80	3500/4000/5000K	9000/11,250/13,500	150	Motion/Daylight Sensor ¹	MTO
65519	WVAP1A/S180/UNVD8SC7/48EC/GRD	120/150/180	120-277	0-10V	>80	3500/4000/5000K	18,000/22,500/27,000	150	Motion/Daylight Sensor ¹	MTO
65567	WVAP1A/S180/DHVD8SC7/48EC/GRD	120/150/180	Either 347 or 480V only	0-10V	>80	3500/4000/5000K	18,000/22,500/27,000	150	Motion/Daylight Sensor ¹	MTO
65520	WVAP1A/S090/UNVD8SC7/48EC/GRE	60/75/90	120-277	0-10V	>80	3500/4000/5000K	9000/11,250/13,500	150	Emergency Battery Back-up ²	MTO
65521	WVAP1A/S180/UNVD8SC7/48EC/GRE	120/150/180	120-277	0-10V	>80	3500/4000/5000K	18,000/22,500/27,000	150	Emergency Battery Back-up ²	MTO
62135	WVAP1A/S090/UNVD8SC7/48W1/GR	60/75/90	120-277	0-10V	>80	3500/4000/5000K	9000/11,250/13,500	150	165° distribution	MTO
62136	WVAP1A/S180/UNVD8SC7/48W1/GR	120/150/180	120-277	0-10V	>80	3500/4000/5000K	18,000/22,500/27,000	150	165° distribution	MTO
65562	WVAP1A/S090/USPD8SC7/48EC/GR	60/75/90	120-277	0-10V	>80	3500/4000/5000K	9000/11,250/13,500	150	10kv surge protection	MTO
65563	WVAP1A/S180/USPD8SC7/48EC/GR	120/150/180	120-277	0-10V	>80	3500/4000/5000K	18,000/22,500/27,000	150	10kv surge protection	MTO
65414	WVAP1A/S090/UNVD8SC7/48EC/GR	60/75/90	120-277	0-10V	>80	3500/4000/5000K	9000/11,250/13,500	150	—	—
65564	WVAP1A/S090/DHVD8SC7/48EC/GR	60/75/90	Either 347 or 480V only	0-10V	>80	3500/4000/5000K	9000/11,250/13,500	150	—	—
65415	WVAP1A/S180/UNVD8SC7/48EC/GR	120/150/180	120-277	0-10V	>80	3500/4000/5000K	18,000/22,500/27,000	150	—	—
65565	WVAP1A/S180/DHVD8SC7/48EC/GR	120/150/180	Either 347 or 480V only	0-10V	>80	3500/4000/5000K	18,000/22,500/27,000	150	—	—

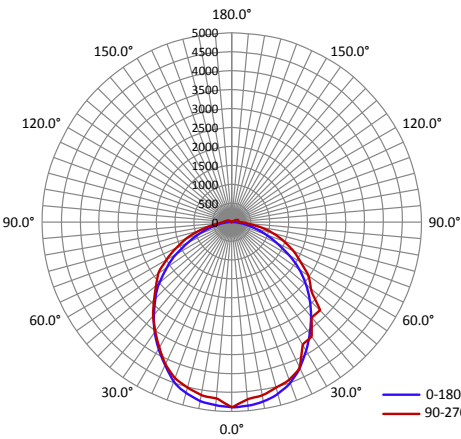
¹ Default sensor options can only be changed with the remote 65305

² EMBB provides 1200 lumens for 90 minutes

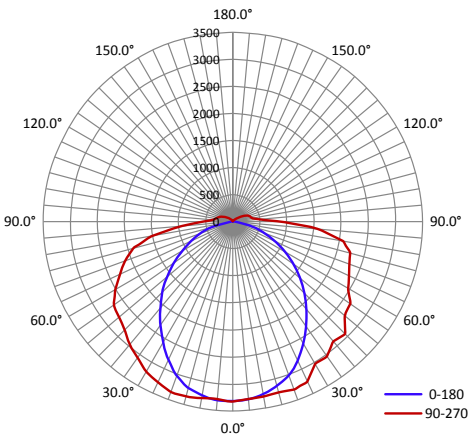
* Made To Order

Photometric Information

Etched Lens



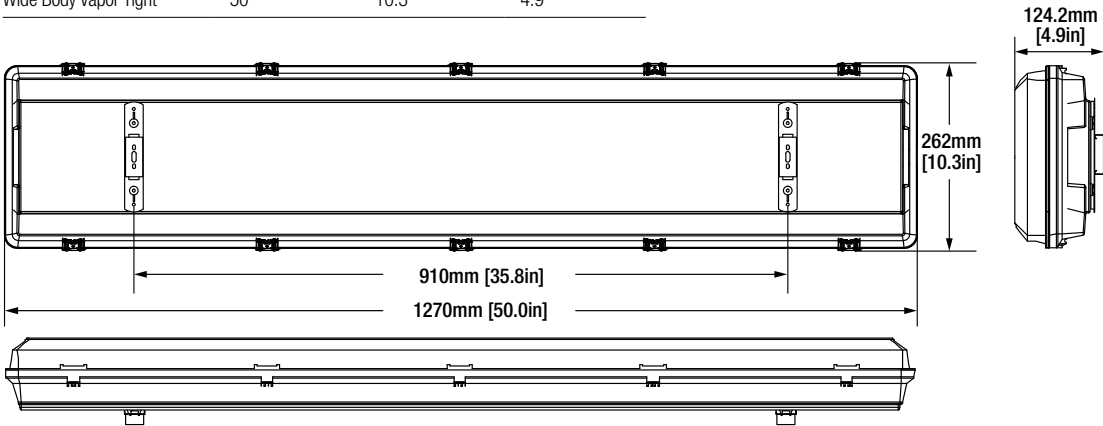
Wide Distribution



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



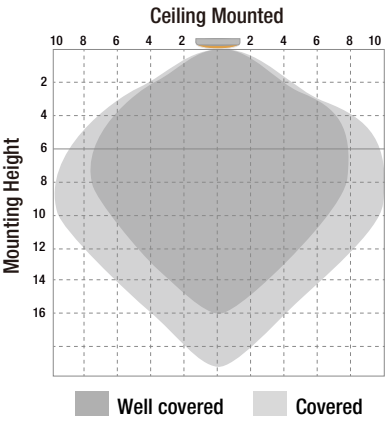
Accessories

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	HIBAY2A/REMOTE	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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