



PROJECT

TYPE

DATE

ITEM NO.

NOTE

LED VAPOR TIGHT

LVT Series

Linear Luminaires

DESCRIPTION

The AlphaLite LVT series is a modern and versatile integrated LED solution that delivers long life and energy savings within a low profile design. The rugged housing and dedicated LED design offers advanced thermal management and protection against indoor and semi-outdoor environments.

APPLICATION

Applications include parking garage, canopy, car wash, cold storage, transportation, retail and other environments where moisture or dust may be present.

SPECIFICATION FEATURES

Construction

Non-Corrosive (PC) Polycarbonate housing with stainless steel spec grade hasps and clips will provide resistance to corrosion, rust and weathering. Performance-engineered, integral structure provides superior thermal management for long life and reliability. Housing and optics maintain IP65 and impact resistance IK08 rating. Tamper proof option available.

Electrical

Luminaire utilizes long life, high efficacy LEDs and a highly efficient, reliable LED driver. 120-277V input voltage for increased versatility. Comes equipped with quick disconnect for compliance with US code. 0-10V dimming comes standard.

Mounting

Quick mounting clips included. Suitable for suspension mounting, surface mounting, Junction box mounting or pendant mounting.



Finish

Grey housing and frosted lens finish standard.

Optics

Highly efficient polycarbonate lens effectively reduces LED pixelation and diffuses light for less glare.

Controls / Dimming

1-10V continuous dimming comes standard. Suitable for use with dimmers, sensors, and other control strategies to achieve deeper energy-savings and code compliance.

Certifications / Regulatory

cULus listed for wet locations rated. DLC 5.1 listed.

Warranty

7-year limited warranty. See complete warranty terms for details.



BAA

Quick Ship Product

LVT-4L(35/25/18S2)/8A
LVT-4VH(64/56/46S2)/8A
LVT-8H(90/75/65S2)/840
LVT-8H(90/75/65S2)/850

ORDERING INFORMATION

Sample Number: LVT-4L(35/25/18S2)/8A

Series	Length	Lumen Package			CRI
LVT	2 - 2'	2'	4'	8'	8 - 80CRI
- LED Vapor Tight	4 - 4'	L(25/20/15S2)	L(35/25/18S2)	H(90/75/65S2)	
	8 - 8'	- 25/20/15W, 3250/2600/1950lm	- 35/25/18W, 4550/3250/2340lm	- 90/75/65W, 11790/9825/8515lm	
			H(64/56/46S2)		
			- 64/56/46W, 11700/9750/8450lm		
CCT	Auxiliary Power	Input Voltage	Control Option		
A - CCT 35/40/50K Adjustable	(Blank) - without AUX	(Blank) - 120-277V	OS - Step dimming PIR motion and daylight sensor *configuration tool required		
35 - 3500K	12V - with AUX 12V	C - 120-347V	MMS - Step dimming Microwave Sensor and daylight sensor *configuration tool required		
40 - 4000K		480 - 480V	DMMS-DL - Step dimming Microwave Sensor and daylight harvesting		
50 - 5000K			OS-BLE - Wireless Bluetooth mesh and PIR sensor		
Emergency Backup	Assembly in USA	Accessories			
EM15W - 15W constant power with integrated self-diagnostic test	(Blank) - Non-BAA	TP - Tamper proof			
	BAA - Assembly in USA	ACC - Aircraft Cable Suspension Kit			
		PMK - Pendant Mounting Kit			
		WG - Wire guard (Required field installation)			

SUMMARY

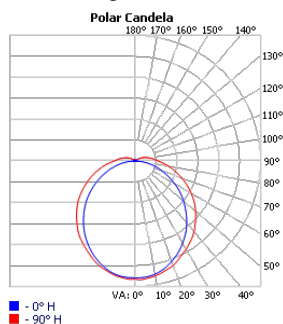
Input Voltage	120-277V
Input Power	See energy data for details
Power Factor	> 0.95
THD (Max.)	10%
Efficacy	130 LPW
Delivered Lumens	See energy data for details
Controls/ Dimming	1-10V dimming standard
Dimming Range	10-100%
CRI	> 80
CCT	3500K, 4000K, 5000K 3500/4000/5000K Adjustable
Operating Temp.	-4 ~ +104 °F (-20 ~ +40 °C) or -40 ~ +104 °F (-40 ~ +40 °C)
Rated Life	70,000 hours
IP Grade	IP65

ENERGY PERFORMANCE DATA

Form Factor	Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
2'	LVT-2L(25/20/15S2)/8A	25/20/15	3250/2600/1950	130
	LVT-4L(35/25/18S2)/8A	35/25/18	4550/3250/2340	130
4'	LVT-4H(64/56/46S2)/8A	64/56/46	8320/7280/5980	130
	LVT-8H(90/75/65S)/835			
8'	LVT-8H(90/75/65S)/840	90/75/65	11700/9750/8450	130
	LVT-8H(90/75/65S)/850			

OPTICS

Beam Angle 120°x100°

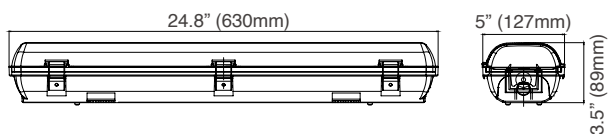


PHYSICAL PARAMETERS

DIMENSION

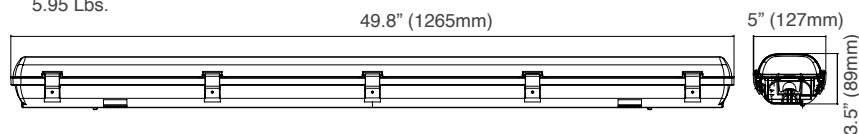
LVT-2

3.09 Lbs.



LVT-4

5.95 Lbs.



LVT-8

7.72 Lbs.

