



PROJECT

TYPE

DATE

ITEM NO.

NOTE

LED VAPOR TIGHT**LVT-S3 Series**

Vapor tight 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 IP66 and impact resistance IK10 rating. Tamper proof option available.

Electrical

Luminaire utilizes long life, high efficacy LEDs and a highly efficient, reliable LED driver. 120-347V 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

0-10V 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 6.0 listed.

Warranty

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

**Quick Ship Product**

LVT-2S3-40L3-8A3

LVT-4S3-50L3-8A3

LVT-4S3-100L3-8A3

ORDERING INFORMATION**Sample Number: LVT-2S3-40L3-8A3**

Series	Length	Lumen Package			CRI
LVT - LED Vapor Tight	2S3 - 2'	2'	4'		8 - 80CRI
	4S3 - 4'	40L3 - 26/21/17W, 4000/3200/2500lm	50L3 - 34/26/21W, 5100/4000/3200lm		
			100L3 - 68/52/42W, 10000/8000/6500lm		

CCT	Auxiliary Power	Input Voltage	Control Option
A3 - CCT 3500/4000/5000K Adjustable	(Blank) - without AUX 12V - with AUX 12V	(Blank) - 120-347V	OS - Step dimming PIR motion and daylight sensor *configuration tool required MMS - Step dimming Microwave Sensor and daylight sensor *configuration tool required 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 BAA - Assembly in USA	ACC-Type-I - Type I aircraft cable longest 47" for suspension mount S-CHAIN SET - 40" jack chain for suspension mount PMK - Pendant Mounting Kit (pipe or stems not provide) LVT-S3-X-WG - Wire guard (x as 2, 4 for different length, required field installation)

SUMMARY

Input Voltage	120-347V
Input Power	See energy data for details
Power Factor	> 0.95
THD (Max.)	10%
Efficacy	150 LPW
Delivered Lumens	See energy data for details
Controls/ Dimming	0-10V dimming standard
Dimming Range	10-100%
CRI	> 80
CCT	3500/4000/5000K Adjustable
Operating Temp.	-40°F~104°F (-40°C~40°C)
Rated Life	70,000 hours
IP Grade	IP66
IK Rate	IK10

ENERGY PERFORMANCE DATA

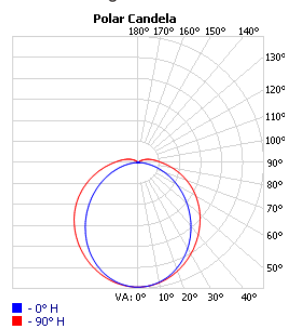
Form Factor	Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
2'	LVT-2S3-40L3-8A3	26/21/17	4000/3200/2500	150
4'	LVT-4S3-50L3-8A3	34/26/21	5100/4000/3200	150
	LVT-4S3-100L3-8A3	68/52/42	10000/8000/6500	150

*The delivered lumens above are based on highest wattage and 4000K.

**Default setting at time of shipping are highest wattage and highest CCT.

OPTICS

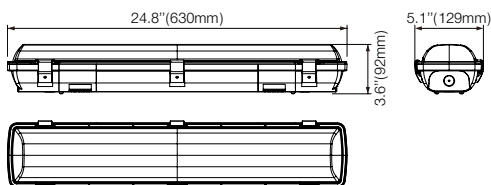
Beam Angle 125°x100°



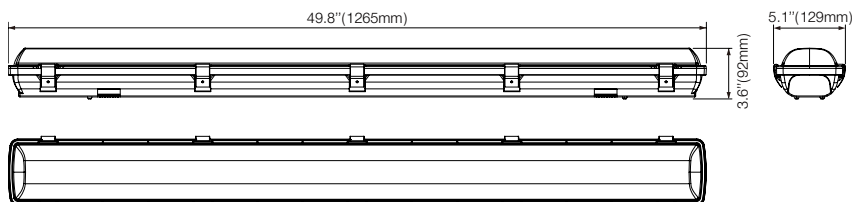
PHYSICAL PARAMETERS

DIMENSION

LVT-2

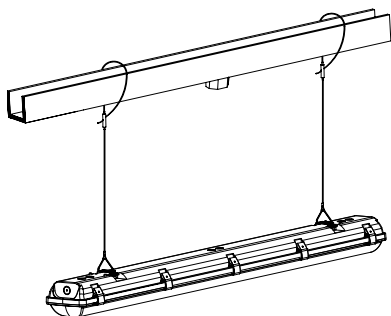


LVT-4

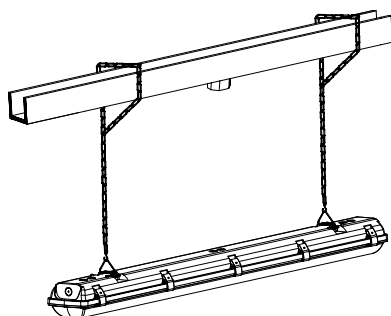


ACCESSORIES

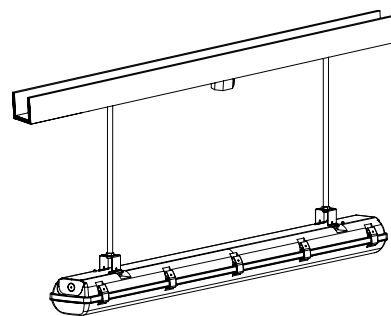
ACC-Type-I



S-CHAIN SET



PMK



LVT-S3-X-WG

