

PROJECT NAME

CATALOG NO.

TYPE

DATE

NOTE

LED LINEAR VAPOR TIGHT LUMINAIRE

LVT SERIES

DESCRIPTION

The Alphalite LVT Linear LED Vapor Tight luminaire 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. 120V-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 pix elation and diffuses light for less glare.

Controls / Dimming

Continuous dimming (0-10V) comes standard. Suitable for use with dimmers, sensors, and other control strategies to achieve deeper energy-savings and code compliance.

Certifications / Regulatory

UL listed. DLC QPL listed. All components have safety approvals. NSF rated for used in Splash Zones and Non-food Zones of Food Equipment.

Warranty

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

Quick Ship Product

LVT-4VL(25S)/840
LVT-4VL(25S)/850
LVT-4L(45S)/840
LVT-4L(45S)/850
LVT-8VH(90S)/840
LVT-8VH(90S)/850
LVT-8H(90/75/65S)/840
LVT-8H(90/75/65S)/850

ORDERING INFORMATION

Sample Number: LVT-4L(45S)/840

LVT	4	H	8	40	(Blank)	(Blank)
Series	Form Factor	Lumen Package	CRI	CCT	Input Voltage	Dimming
LVT- Linear LED Vapor Tight	2 = 2' 4 = 4' 8 = 8'	VL = Very Low Wattage L = Low Wattage H = High Lumen VH = Very High Lumen *see energy data for details	8 - 83+ CRI	35 - 3500K 40 - 4000K 50 - 5000K	(Blank) - 120V-277V	(Blank) - 0-10V

Options

Controls

MMS - Integrated step dimming microwave motion sensor
LP(H/M/L)-INT - Limelight by Lutron Radio Module PCB and PIR Sensor Assembly (High/Medium/Low mounting height)
LRF-INT - Limelight by Lutron Radio Module PCB Assembly

Emergency Backup

EM700 - 700lm
EM1400 - 1400lm
EM2000 - 2000lm

Accessory

TP - Tamper proof

SUMMARY

ENERGY PERFORMANCE DATA

Input Voltage	120V-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	Full Range 0-10V dimming standard
Dimming Range	0-10V Continuous (10-100%)
CRI	> 83
CCT	3500K, 4000K, 5000K
Operating Temp.	-4 ~ +131 °F (-20 ~ +55 °C)
Rated Life ¹	70,000 hours

Form Factor	Part No.	Rated Wattage (W)	Tested Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
2'	LVT-2L(25S2)/835	25	25	3250	130
	LVT-2L(25S2)/840				
	LVT-2L(25S2)/850				
4'	LVT-4VL(25S2)/835	25	23.83	3225	129
	LVT-4VL(25S2)/840			3250	130
	LVT-4VL(25S2)/850			3275	131
	LVT-4L(45S2)/835	45	44.32	5760	128
	LVT-4L(45S2)/840			5850	130
	LVT-4L(45S2)/850			5895	131
	LVT-4H(52S2)/835	52	50.94	6812	131
	LVT-4H(52S2)/840			6864	132
	LVT-4H(52S2)/850			6916	133
	LVT-4VH(65S2)/835	65	63.18	7150	110
LVT-4VH(65S2)/840	7280			112	
LVT-4VH(65S2)/850	7540			116	
8'	LVT-8H(90/75/65S)/835	90/ 75/ 65	90/ 75/ 65	11700/9750/8450	130
	LVT-8H(90/75/65S)/840			11790/9825/8515	131
	LVT-8H(90/75/65S)/850			11880/9900/8580	132

1. Rated life is based on Maintenance of lumen (L70) from LM-80 and TM-21. L70 is the hours of the fixture which dimmed to 70% of its original output.

PHYSICAL PARAMETERS

DIMENSION

