



PROJECT

TYPE

DATE

ITEM NO.

NOTE

LED VAPOR TIGHT

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.



LVT Series

Linear Luminaires



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) | L(54/46/38S2) | |
| | 8 - 8' | - 25/20/15W, 3250/2600/1950lm | - 35/25/18W, 4550/3250/2340lm | - 54/46/38W, 7074/6026/4978lm | |
| | | | H(64/56/46S2) - 64/56/46W, 8320/7280/5980lm | H(90/75/65S2) - 90/75/65W, 11790/9825/8515lm | |
| CCT | Auxiliary Power | Input Voltage | Control Option | | |
| A - CCT 35/40/50K Adjustable | (Blank) - without AUX | (Blank) - 120-277V | ATE - Ambient temperature extended driver (-40F ° to 131F °) | | |
| 35 - 3500K | 12V - with AUX 12V | C - 120-347V | OS - Step dimming PIR motion and daylight sensor *configuration tool required | | |
| 40 - 4000K | | 480 - 480V | MMS - Step dimming Microwave Sensor and daylight sensor *configuration tool required | | |
| 50 - 5000K | | | DMMS-DL - Step dimming Microwave Sensor and daylight harvesting | | |
| | | | 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 | TP - Tamper proof ACC-Type-I - Type I craft cable longest 47" for suspension mount S-CHAIN SET - 40" jack chain for suspension mount 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°F~104°F (-20°C~40°C) or -40°F~104°F (-40°C~40°C) |
| Rated Life | 70,000 hours |
| IP Grade | IP65 |
| IK Rate | IK10 |

ENERGY PERFORMANCE DATA

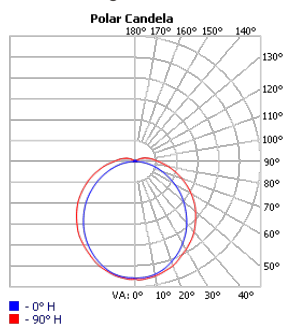
| Form Factor | Part No. | Rated Wattage (W) | Delivered Lumens (lm) | Efficacy (lm/W) |
|-------------|------------------------|-------------------|-----------------------|-----------------|
| 2' | LVT-2L(25/20/15S2)/8A | 25/20/15 | 3250/2600/1950 | 130 |
| | LVT-4L(35/25/18S2)/8A | 35/25/18 | 4550/3250/2340 | 130 |
| 4' | LVT-4H(64/56/46S2)/8A | 64/56/46 | 8320/7280/5980 | 130 |
| | LVT-8L(54/46/38S2)/835 | | | |
| 8' | LVT-8L(54/46/38S2)/840 | 54/46/38 | 7074/6026/4978 | 130 |
| | LVT-8L(54/46/38S2)/850 | | | |
| 8' | LVT-8H(90/75/65S2)/835 | | | |
| | LVT-8H(90/75/65S2)/840 | 90/75/65 | 11700/9750/8450 | 130 |
| | LVT-8H(90/75/65S2)/850 | | | |

*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 120°x100°

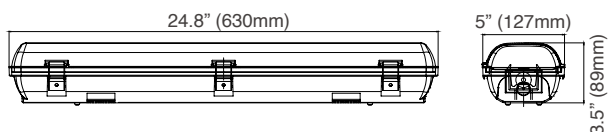


PHYSICAL PARAMETERS

DIMENSION

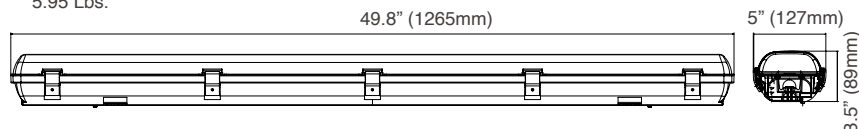
LVT-2

3.09 Lbs.



LVT-4

5.95 Lbs.



LVT-8

7.72 Lbs.

