ADVANTAGE ENVIRONMENTAL LIGHTING

MADE IN THE USA

CATALOG #:

PROJECT:

TYPE:

LVT

COMMERCIAL GRADE LED VAPOR TIGHT

The **LVT** Series is a Commercial Grade LED Vapor Tight, gasketed enclosure that is completely dust and moisture resistant. The LVT utilizes state-of-the-art LED technology to deliver the highest possible efficiency in the lighting industry.

APPLICATIONS: The LVT Series of LED Vapor Tights were designed to be high quality, energy efficient LED fixtures for use in food processing facilities, kitchens, parking garages, canopy, stair well car washes, government facilities, schools, public areas and industrial facilities. Suitable for both indoor and outdoor applications.

CONSTRUCTION: The fixture is constructed of a fiberglass housing with a VA (f1) FRP UL rating, and an acrylic or polycarbonate diffuser securely positioned in a permanent, poured-in-place, polyurethane sealing gasket. The diffuser and upper components are locked in place and sealed tightly with polycarbonate retaining latches or optional stainless steel latches. High impact acrylic/DR material diffuser composition. Positive cam latches. Polyethylene molded end plugs.

OPTICAL SYSTEM: High output LED's available in 2700K, 3000K, 3500K, 4000K, and 5000K. CRI >82. Diffuser softens light dissipation for even light coverage. Various lens materials available.

ELECTRICAL SYSTEM: 0-10V dimming driver included standard. Long-life LED system rated for >120K life hours (L70 @ 25°C). Metal gear tray for internal LED driver. Complies with federal energy efficiency standards.

CONTROLS: The fixture is compatible with 0-10V dimming controls, 0-10V dimming driver included standard. 50% step dimming is available upon request.

MOUNTING: The fixture can be suspended or surface mounted. Optional top only hub entry or combination top and end hub entry available for stem mounting applications. Die formed galvanized mounting brackets come standard. No holes required for mounting. Unitized internal/external brass mounting stud for structural integrity and continuity of ground. Surface mounting brackets included.

LISTINGS: Independently tested to IESNA LM-79 and LM-80 specifications. ETL and cETL Listed. CSA approved. NSF International Certified. IP65, IP66 and IP67 Certified for Wet Location applications. Proudly made in America. Manufactured in Fort Worth, Texas.

WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at **www.aelnow.com/warranty**.

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ORDERING INFORMATION:
Example: LVT-2-30-5L-M-RA-W-OWS

SERIES	LENGTH	CCT	OUTPUT (LUMENS)	WATTAGE	LENS OPTIONS	DISTRIBUTION	OPTIONS
LVT	2 27.69" Overall 4 51.65" Overall 8 99.65" Overall	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	8' UNIT: 2L 2000, 3L 3000, 5L 5000, 7L 7000, 10L 10,000, 14L 12,000, 18L 18,000, 25L 25,000 4' UNIT: 2L 2000, 3L 3000, 5L 5000, 7L 7000, 10L 10,000, 14L 12,000 2' UNIT: 2L 2000, 3L 3000, 5L 5000, 7L 7000 XXXL Custom *Delivered lumens vary based on length of unit. Consult factory for more info.*	M Multi-Volt (120-277VAC)	BLANK Shallow Lens Acrylic (Smooth Frosted) RA Acrylic Ribbed (Clear) RAF Acrylic Ribbed (Frosted) DAF Deep Lens Acrylic (Smooth Frosted) DAS Deep Lens Acrylic (Smooth Clear) SA Shallow Lens Acrylic (Smooth Clear) SPF Shallow Lens Polycarbonate (Smooth Frosted) SPS Shallow Lens Polycarbonate (Smooth Clear) Additional costs for lens enclosure upgrades	BLANK Narrow W Wide	12EBL 1200 Lumen Emergency Ballast OWS On/Off Occupancy Sensor (IP66) DWS Dimming Occupancy Sensor (IP66) OC4EX On/Off Occupancy Sensor (Indoor Use) 1P Single Pendant w/ Reinforcement Plate (Pendant Supplied by Others) 2F Double Pendant w/ Reinforcement Plate (Pendant Supplier by Others) SSL Stainless Steel Latches SSLTP Stainless Steel Latches Tamper Proof PTP Polycarbonate Tamper Proof Latches LDE1 Lutron LDE1 Hi-Lume 1% EcoSystem Fade-To-Black Driver Upgrade SB Bail Clip (316 Stainless Steel) 45WMB 45˚ Wall Mount Bracket (316 Stainless Steel) 90 90 CRI FB Internal Fast Blow Fuse SB Internal Slow Blow Fuse

Dimensions on Next Page ►

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	13 - 157 WATTS*
DELIVERED LUMEN OUTPUT:	2000 - 25000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	2700, 3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>100,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 50° C

*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
2L	2000 LUMENS	13	>120K
3L	3000 LUMENS	19	>120K
5L	5000 LUMENS	31	>120K
7L	7000 LUMENS	44	>120K
10L	10,000 LUMENS	63	>120K
14L	12,000 LUMENS	75	>120K
18L	18,000 LUMENS	113	>120K
25K	25,000 LUMENS	157	>120K

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FIXTURE DIMENSIONS

FIXTURE ANALYSIS

DIMENSIONS:	51.65″ X 6.77″ X 4.25″
MOUNTING:	SURFACE OR SUSPENSION
WEIGHT:	12 LBS
WARRANTY:	5-YEAR LIMITED

LENS DIMENSIONS

STANDARD:	1.92" X 6.40"
DEEP:	3.50" X 6.40"
SHALLOW:	1.92" X 6.40"

HIGH IMPACT

DEEP LENS

SHALLOW LENS

NEMA 4X LUTRON PSI 1500 IP67 CERTIFIED IP66 CERTIFIED IP65 CERTIFIED