ADVANTAGE
ENVIRONMENTAL LIGHTING

CATALOG #:	
PROJECT:	
TYPE:	

LVT120
COMMERCIAL GRADE LED VAPOR TIGHT

DESCRIPTION: 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 and is utilizes JA8 compliant boards.

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.

LISTINGS: Independently tested to IESNA LM-79 and LM-80 specifications. UL and cUL 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**.

ORDERING INFORMATION
Example: LVT-2-30-5L-M-SA-OC4EX-TR120D

SERIES	LENGTH		CCT		OUTPUT		WATTAGE		LENS OPTIONS		OPTIONS	
LVT	2	27.69" Overall	27	2700K	2L	2000 Lumens	120	120VAC)	BLANK	Shallow Lens Acrylic Frosted) - Standard	12EBL	1200 Lumen Emergency Ballast
			30	3000K	3L	3000 Lumens					OC4EX	Occupancy Sensor
	4	51.65" Overall	35	3500K	5L	5000 Lumens			RA	Acrylic Ribbed	1P	Single Pendant w/ Reinforcement Plate (Pendant Supplied by Others)
			40	4000K	7L	7000 Lumens			RB	Acrylic Ribbed* (Frosted)		
	8	99.65" Overall	50	5000K	10L	10,000 Lumens			DAF	Deep Lens Acrylic* (Frosted)	2F	Double Pendant w/ Reinforcement Plate (Pendant Supplier by Others)
					14L	12,000 Lumens			DAS	Deep Lens Acrylic* (Smooth)	SSL	Stainless Steel Latches
					18L	18,000 Lumens			SA	Shallow Lens Acrylic* (Smooth)	SSLTP	Stainless Steel Latches Tamper Proof
					25K	25,000 Lumens			SPF	Shallow Lens Polycarbonate* (Frosted)	PTP	Polycarbonate Tamper Proof Latches
					XXXL	Custom Lumens					LDE1	Lutron LDE1 Hi-Lume 1% EcoSystem Fade-To-Black Driver Upgrade
									SPS	Shallow Lens Polycarbonate* (Smooth)	LDE5	Lutron LDE5 5-Series EcoSystem 5% Dimming Driver Upgrade
											SB	Bail Clip (316 Stainless Steel)
											45WMB	45° Wall Mount Bracket (316 Stainless Steel)
											90	90 CRI
											TR120D	120v 2 wire Triac Dimming

8' UNIT *4' UNIT* *2' UNIT*

Delivered lumens vary based on length of unit. Consult factory for more info.

*Additional costs for lens enclosure upgrades

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LVT120
COMMERCIAL GRADE
LED VAPOR TIGHT

51.65"

6.77"
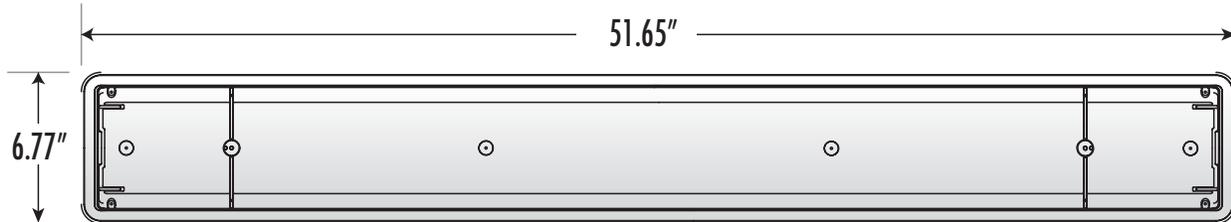
FIXTURE ANALYSIS

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
6.77"
4.36"

DEEP LENS
6.77"
5.72"

SHALLOW LENS
6.77"
4.19"
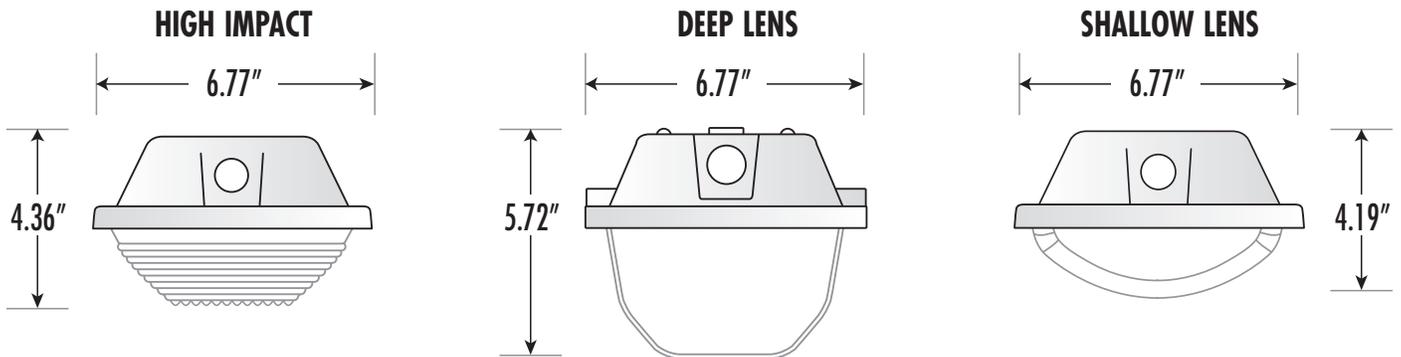
ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	13 - 157 WATTS*
DELIVERED LUMEN OUTPUT:	2000 - 25000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>120,000 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%

LED OUTPUT

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

Delivered lumens vary based on length of unit.
Consult factory for more info.

PROUDLY MADE IN USA · UL · NSF · RoHS COMPLIANT · c UL us LISTED · c UL us · NEMA 4X · LUTRON · PSI 1500 · IP67 CERTIFIED · IP66 CERTIFIED · IP65 CERTIFIED