

LXVT LED VAPOR TIGHT



The **LXVT** series is an IP67/IP69K rated vapor tight, completely sealed against dust and moisture, for harsh environments. Available with a variety of lenses and latches to meet the needs of various applications. The LXVT utilizes state-of-the-art LED technology to deliver the highest possible efficacy in the lighting industry.

APPLICATIONS: The LXVT series of vapor tights were designed for use in dusty, dirty, and wet environments including food processing facilities, cold storage, kitchens, parking garages, car washes, covered canopies, pedestrian tunnels, concourses, and industrial applications.

CONSTRUCTION: Constructed of a compression molded self-extinguishing fiberglass reinforced polyester compound with UL 5VA flame rating (ASTM D635-74). F1 weatherability rating. Continuous perimeter poured in place gasket assures a consistent lens seal to housing. Two 1/4-28 brass studs molded into back of housing for attachments of optional mounting brackets.

OPTICAL SYSTEM: Shallow low profile or ribbed deep lens options are available in a variety of finishes and materials. Lenses are designed for even illumination with no glare.

ELECTRICAL SYSTEM: 120-277V applications, 0-10v dimming standard. Long-life LED system rated for >100K life hours (L70 @ 45°C). Metal gear tray for internal LED driver. Complies with federal energy efficiency standards.

MOUNTING: Standard 316 stainless steel straps for surface mounting, or optional flush mounting bracket. Mounts to a snap-in-place mount or hook.

LISTINGS: UL and cUL Listed. Wet Location. NSF International Certified. IP65, IP66, IP67 rated. IP69K rated with lens options "RDRA" and "RCP".

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

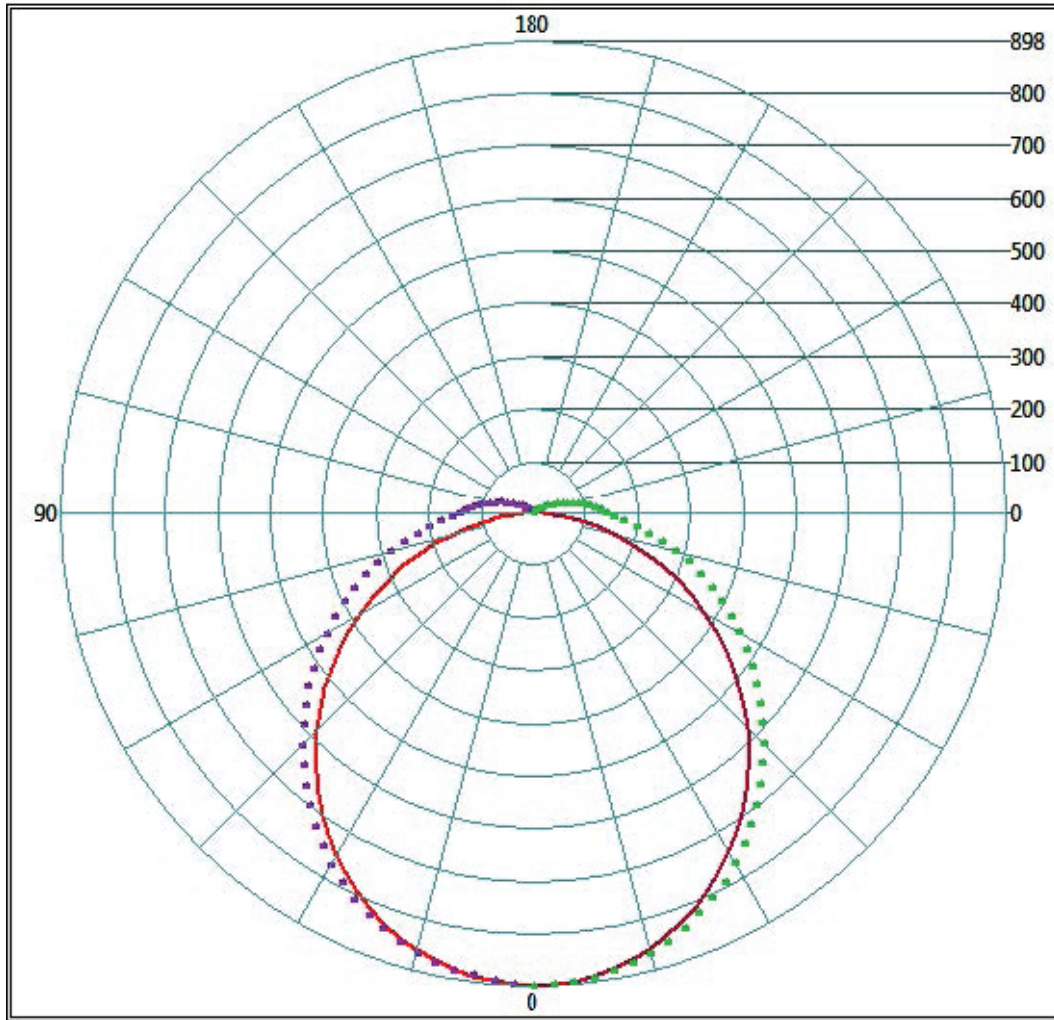
ORDERING INFORMATION:

Example: LXVT-2-30-12L-DRC-M-12EBL

SERIES	SIZE	CCT	OUTPUT	LENS OPTIONS	WATTAGE	OPTIONS
LXVT	2 2' 4 4'	30 3000K 35 3500K 40 4000K 50 5000K	<ul style="list-style-type: none"> 4L 4000 Lumens (Standard Low) 7L 7000 Lumens (Medium Low) 11L 11000 Lumens (High Low) 12L 12000 Lumens (Standard Medium) 13L 13000 Lumens (Medium Medium) 15L 15000 Lumens (High Medium) 16L 16000 Lumens (Standard High) 20L 20000 Lumens (Medium High) 25L 25000 Lumens (High High) XX Custom Lumens <p><i>Delivered lumens vary based on length of unit. Consult factory for more info.</i></p>	<ul style="list-style-type: none"> DRA DR Clear Acrylic DRC DR Clear Crepe LUM Lumieo RDRA Ribbed DR Clear Acrylic RCA Ribbed Clear Poly RLUM Ribbed Lumieo RFP Ribbed Frosted Poly RFPS Ribbed Frosted Poly 5VA 	M Multi-Volt (120-277VAC)	<ul style="list-style-type: none"> 14EBL 14 Watt Emergency Driver SSL Stainless Steel Latches TPW Tamper-Proof White Acetal Latches TPSS Tamper-Proof Stainless Steel Latches SSB 316 Stainless Steel Strap Brackets SUSP Suspension Mounting Kit MHP Modular Hanging Loop

PHOTOMETRICS

Polar Plot (cd)



ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	27.8 - 173.4 WATTS*
DELIVERED LUMEN OUTPUT:	4000 - 25000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	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

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

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

OUTPUT	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4L	4000 LUMENS	27.8	>100K
7L	7000 LUMENS	48.5	>100K
11L	11000 LUMENS	79.3	>100K
12L	12000 LUMENS	83.2	>100K
13L	13000 LUMENS	90.1	>100K
15L	15000 LUMENS	104	>100K
16L	16000 LUMENS	110.1	>100K
20L	20000 LUMENS	138.7	>100K
25L	25000 LUMENS	173.4	>100K

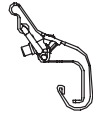
*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

OPTIONS

LATCHES

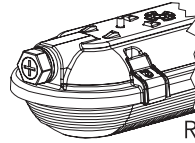


TPW

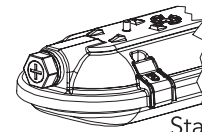


TPSS

LENSES



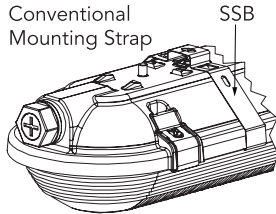
Ribbed



Standard

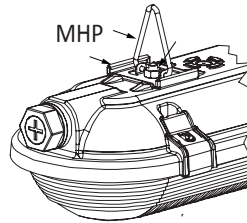
HOUSING MOUNTING BRACKETS

Conventional
Mounting Strap



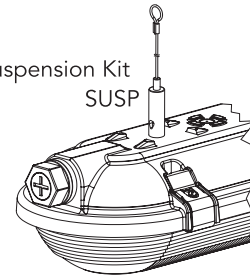
SSB

Modular Hanging Loop



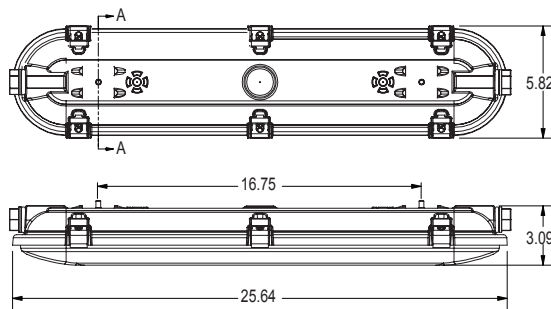
MHP

Suspension Kit
SUSP

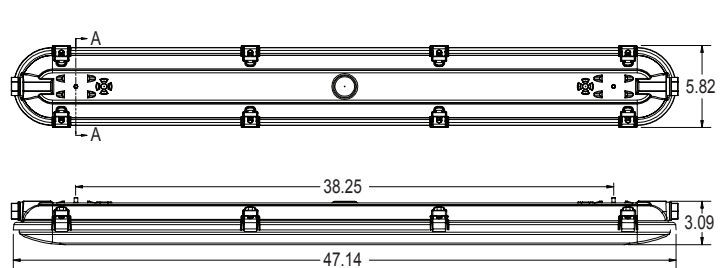


FIXTURE DIMENSIONS

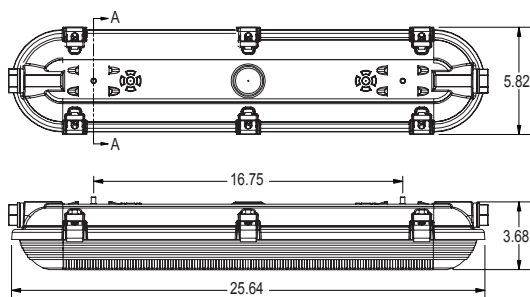
2X2 Standard Lens



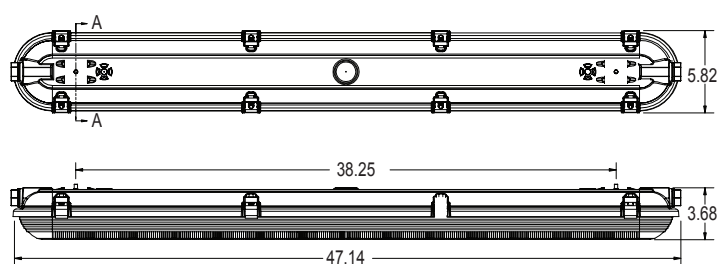
2X4 Standard Lens



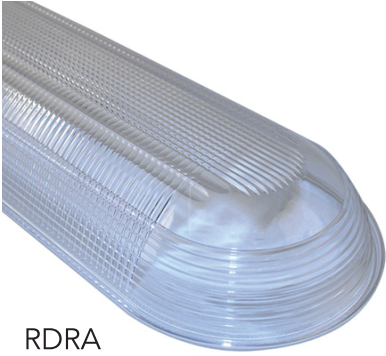
2X2 Ribbed Lens



2X4 Ribbed Lens



LENS IMAGES



RDRA
Ribbed Lens Acrylic



RCP
Ribbed Lens Polycarbonate



RLUM
Ribbed Lens Lumieo



DRC
Acrylic Crepe Low Profile Lens



LUM
Lumieo® Low Profile Lens