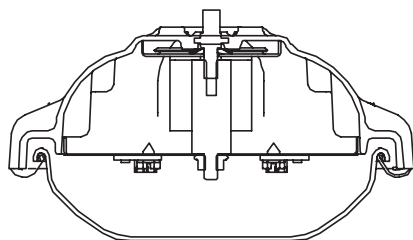# LXVT
LED Vapor Tight

2'

4'

UL · NSF · IP65 CERTIFIED · IP66 CERTIFIED · IP67 CERTIFIED · IP69K CERTIFIED

LUTRON

PRODUCT SPECIFICATIONS

DESCRIPTION
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, latches, and wire entry configurations 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-4-40-HL-DRA-M

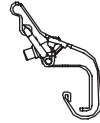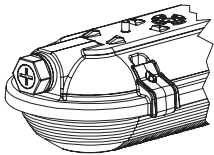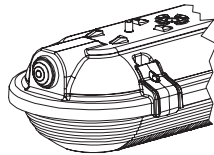| SERIES	SIZE		CCT		OUTPUT		LENS		VOLTAGE		OPTIONS	
LXVT	2	2'	30	3000K	SL	Standard Low	DRA	DR Clear Acrylic	M	120/277V	12EBL	12W Emergency Driver
	4	4'	35	3500K	ML	Medium Low	DRC	DR Clear Crepe			SSL	Stainless Steel Latches
			40	4000K	HL	High Low	LUM	Lumieo			TPW	Tamper-Proof White Acetal Latches
			50	5000K	SM	Standard Medium	RDRA	Ribbed DR Clear Acrylic			TPSS	Tamper-Proof Stainless Steel Latches
					MM	Medium Medium	RCP	Ribbed Clear Poly			WDLP	White 7/8" Dry Location Plug
					HM	High Medium	RLUM	Ribbed Lumieo			WRP	White 7/8" Rubber Plug
					SH	Standard High	RFP	Ribbed Frosted Poly			ALFC	7/8" Die-Cast Aluminum Fitting for 1/2" Rigid Conduit
					MH	Medium High	RFP5	Ribbed Frosted Poly 5VA			SSB	316 Stainless Steel Strap Brackets
					HH	High High					SUSP	Suspension Mounting Kit
											MMK	Modular Mounting Kit

OPTIONS

LATCHES
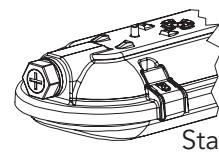
TPW

TPSS

WIRE ENTRY PLUGS
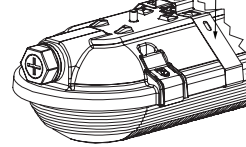
ALFC

WDLP
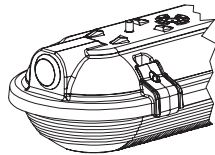
WRP

LENSES
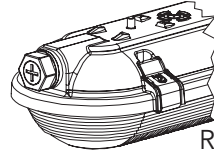
Ribbed

Standard

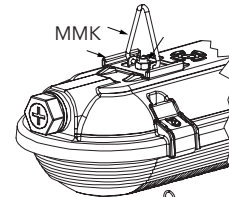### HOUSING MOUNTING BRACKETS

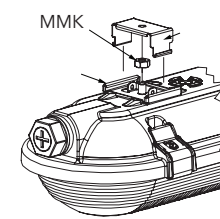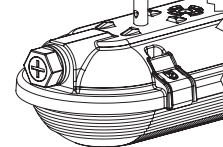Conventional Mounting Strap   SSB

Modular Hanging Loop   MMK

Modular Surface Mount   MMK
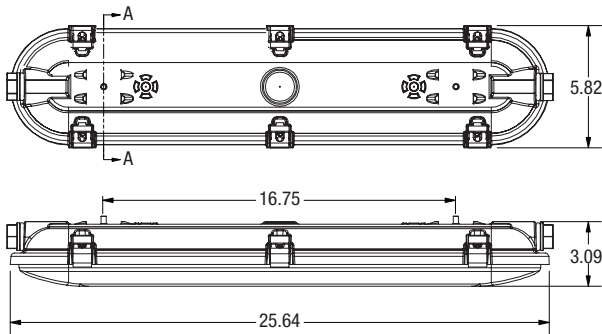
Suspension Kit SUSP

FIXTURE DIMENSIONS

2X2   Standard Lens

A

5.82

16.75
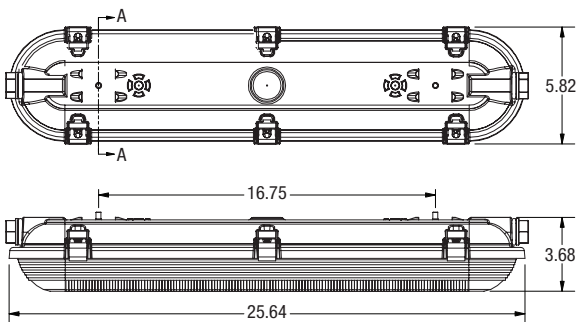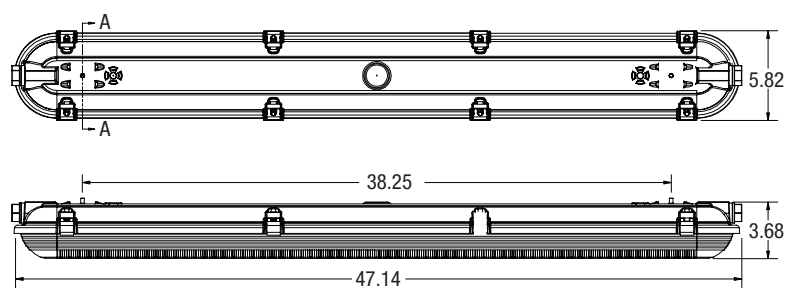
3.09

25.64

2X4   Standard Lens

A

5.82

38.25

3.09

47.14

2X2   Ribbed Lens

A

5.82

16.75

3.68

25.64

2X4   Ribbed Lens

A

5.82

38.25

3.68

47.14

Advantage
Environmental Lighting
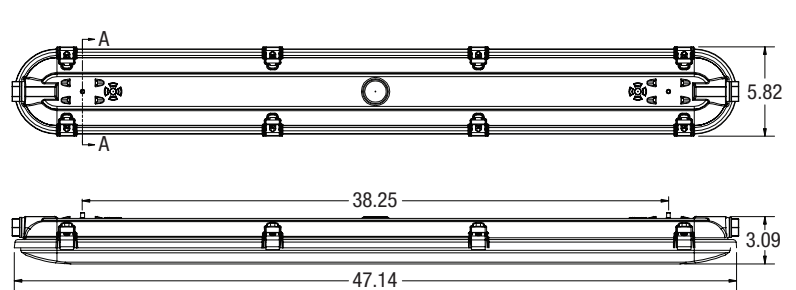
ILLUMINATION LEVELS

Output	Delivered Lumens	System Wattage	L70 @45C (hrs)
SL	4650	33	>100K
ML	7974	57	>100K
HL	11150	80	>100K
SM	12040	86	>100K
MM	13016	93	>100K
HM	15728	112	>100K
SH	16500	118	>100K
MH	20000	143	>100K
HH	25000	179	>100K

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.94
2700K	0.91

* Delivered Lumens shown were tested with 4000K LEDs

LENS IMAGES
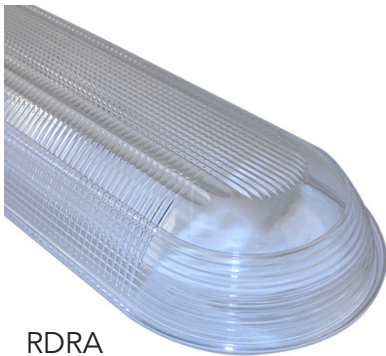
RDRA
Ribbed Lens Acrylic
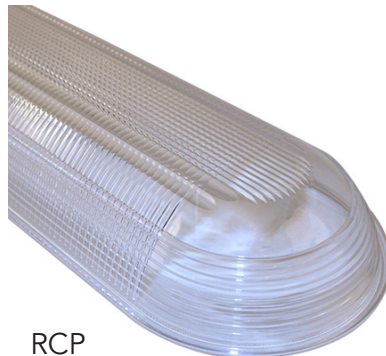
RCP
Ribbed Lens Polycarbonate

RLUM
Ribbed Lens Lumieo

DRC
Acrylic Crepe Low Profile Lens

LUM
Lumieo® Low Profile Lens

PHOTOMETRICS

Polar Plot (cd)