

LED VAPOR TIGHT LINEAR FIXTURES

LSV Series



A cost effective LED Vapor Tight Fixture features a full length polycarbonate lens and a one-piece white glass reinforced polyester (GRP) body. Designed to meet or exceed seven to 10 footcandles at 8' installed heights for parking drive lane compliance. The fixtures are ideal for utility lighting in parking garages and stairwells, meeting applicable building and safety codes.

FEATURES:

- Thermal/lumen balanced light engines
- Non-corrosive glass reinforced polyester (GRP) housing
- Stainless steel specification grade hasps and clips
- Non-occupancy dimming option avail.
- Back and end knockouts
- Low power consumption
- Ceiling or wall mounted
- IP66-rated with hermetic sealing
- White finish standard
- CRI: >83CRI

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	ROOM SCHEDULE



24" LED Vapor Tight

48" LED Vapor Tight

CONSTRUCTION:

- One pieces glass reinforced polyester (GRP) body
- Milky white polycarbonate lens with inside ribbing
- Electrostatic paint steel chasis
- Universal voltage (120-277V)
- Class II driver

Thermal/ lumen balanced light engines –
MaxLite engineered low drive rates allow cooler operating temperatures, which allows for less thermal heat sinking needed, and more, cooler and better performing LEDs that produce a higher lumen output.

ORDERING EXAMPLE: LSV4806U35DV41

CLASS	TYPE	LENGTH	WIDTH	APPLICATION	VOLTAGE	NOMINAL WATTAGE	DIMMING	CCT	OPTIONS
LS = Linear Utility	V = Vapor Tight	48 = 50" 24 = 26"	06 = 6.25"	S = Surface Mount	U = Universal 120-277VAC 3 = 347VAC 4 = 480VAC	20 = 20W* 28 = 28W 35 = 35W 45 = 45W**	BLANK = Non-dimming DV = 0-10V Dimming	41 = 4100K 50 = 5000K	MS*** = Occupancy Sensor

*All data subject to change

*20W not available in 48 length

**45W not available in 24 length

***MS occupancy sensor requires DV 0-10v dimming



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SPECIFICATIONS:

ITEM	SPECIFICATION	DETAILS - 24			DETAILS - 48		
GENERAL PERFORMANCE	Spacing Criteria	Available upon request			Available upon request		
	Color Temperature (CCT)	4100K, 5000K			4100K, 5000K		
	Wattage	20W	35W	28W	28W	35W	45W
	Delivered Lumens	1700-1850	2975-3220	2340-2575	2340-2575	2975-3220	3500-3800
	Standby Lumens*	355/890	620/1550	490/1230	490/1230	620/1550	730/1825
	Efficacy (LM/W)	89	88	87	87	88	81
	Color Consistency	Proprietary binning for uniform color			Proprietary binning for uniform color		
	Lumen Maintenance (L70)	50,000 hours			50,000 hours		
ELECTRICAL	Power Factor	Over 0.90			Over 0.90		
	Maximum THD	<20%			<20%		
	Input Voltage	Per specification			Per specification		
	Power Consumption	Per specification			Per specification		
PHYSICAL	Dimensions (W x L x H)	26" x 6.25" x 4.0"			50" x 6.25" x 4.0"		
	Weight	5 lbs.			7 lbs.		
	Housing	Glass reinforced polyester			Glass reinforced polyester		
	Lens	Ribbed polycarbonate white			Ribbed polycarbonate white		
	Mounting	Ceiling surface or wall mounted			Ceiling surface or wall mounted		
	Operating Temperature	-30°F to 130°F			-30°F to 130°F		
CERTIFICATION	Certification	UL**, FCC, LM79, LM80			UL**, FCC, LM79, LM80		
	Material Usage	RoHS compliant; no mercury			RoHS compliant; no mercury		
	Environment	Indoor / outdoor – wet, IP66			Indoor / outdoor – wet, IP66		
	LED Class	L70 rated to 50,000 hours			L70 rated to 50,000 hours		
	Warranty	5 year			5 year		

Lighting layouts and spacing criteria available upon request

*When used in combination with occupancy controls

Designed for sustainability, contact Maxlite for any repair or replacement components needed

DIMENSIONS:

