



Featuring Fiberglass Housing

Description

The LWST2 4 Ft. Vapor Tight Linear LED Light is engineered for the harshest environments. Constructed from impact-resistant fiberglass with a poured-in-place gasket, this fixture achieves IP65, IP66, IP67, and NEMA 4X ratings to withstand moisture, dust, and high-pressure washdowns. NSF-certified for food processing, it delivers reliable performance in freezers, parking garages, chemical plants, and manufacturing facilities where durability isn't optional.

Technical Specifications

Benefits and Features

- Non-combustible UL 5VA fiberglass housing won't melt or burn
- UV-stabilized f1 rating for continuous outdoor exposure.
- UL 746 certified for water exposure and immersion
- Pour-in-place polyurethane gasket watertight seal.
- Fungus-resistant gasket prevents biological growth
- Captive latches won't fall off during maintenance.
- Tool-free latch operation reduces service time.
- Available in white or 316 stainless steel latches.
- Impact-resistant acrylic or polycarbonate lens options.
- Available in 2 ft, 4 ft, or 8 ft
- Made in USA with BAA/BABA compliance.

Electrical

- Universal voltage operation (120-277 VAC) standard.
- High voltage option available (347-480 VAC).
- Standard 0-10V dimming for lighting control integration.
- Dim-to-off capability for maximum energy savings.
- Multi-CCT switchable options (3000K/4000K/5000K).

Performance

- 4,000 - 12,000 Lumen packages
- 28W - 85W Wattage Range
- Up to 140 lm/W efficacy
- 3000K, 3500K, 4000K, 5000K, Selectable 35K-40K-50K
- 80 (standard) 90 (optional) CRI
- -40°F to 131°F (-40°C to 55°C) Operating Temp

Mounting

- Surface, Pendant and 45° Angle
- ½" NPT, ¾" NPT

Certifications

- UL 1598 listed for wet location applications.
- NSF International certified for food service environments.
- IP65, IP66, and IP67 ingress protection ratings.
- NEMA 4X rated for corrosive and outdoor conditions.
- RoHS compliant for environmental safety.
- DLC QPL qualified for energy rebate programs.
- 5 Year warranty (5-Year Warranty based on our Limited Warranty Document)

Ordering Information

LWST2-4Ft – Options / Ordering Example: LWST2-4-Ft-4-SCA-20L-40-90-H-DTO-W

Model	Length	Lens Options	Lumens	Color Temperature	CRI	Voltage	Dimming	Latches
LWST2-4Ft	4 - 4'	SCA - Smooth Clear Acrylic	4L - 4,000 lm	30 - 3000K	Blank - 80 CRI	Blank - Universal (120-277 VAC) H - High (347-480 VAC)	Blank - 0-10V DTO - Dim to OFF	W - White SS - Stainless Steel
		SFA - Smooth Frosted Acrylic	5L - 5,000 lm	35 - 3500K	90 - 90 CRI			
		RFA: Ribbed Frosted Acrylic	8L - 8,000 lm	40 - 4000K				
		SCP - Smooth Clear PC	10L - 10,000 lm	50 - 5000K				
		SFP - Smooth Frosted PC	12L - 12,000 lm	3CCT: 35/45/50K				
		RFP: Ribbed Frosted PC	XL - xx,000 lm*					

*Note: Extended lumen packages available, ask your sales agent for more info

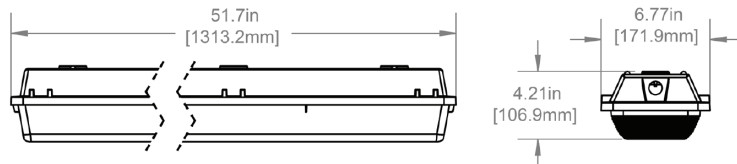
OPTIONS

Mounting	Hub Location	Emergency	Cord	Controls
MB: SS Brackets	2T50 - 2 Top ½"	E10 - 10 W Emergency	C10 - 10 ft White	OS - PIR Occupancy Sensor
MBB: SS Brackets with Bail	E50 - 1 End ½"		C10P - 10 ft White Cord with Plug	
M45: 45° Brackets	2E50: 2 Ends ½"			
SPM - Single Pendant ¾"	C75 - Center ¾"			
DPM - Double Pendant ½"				

Dimensions

Installation

- Multiple mounting options: surface brackets, pendant, or 45°.
- Stainless steel mounting hardware included with fixture.
- Tool-free lens and tray access for quick maintenance.
- Hub configurations available in ½" or ¾" NPT.
- Continuous row mounting capability for seamless light runs.



Component Assembly View (4 Ft. Fixture Example)

