

Linear Washdown Series (LWD)

IP66 NSF Rated Washdown Fixture



Applications

- Food Processing
- Low and High Bay
- Caustic Environments
- Commercial Farms
- Indoor Natatorium
- Outdoor Overhangs
- Walk in Freezers
- Cold Storage

OVERVIEW

Lumen Package (lm)	4000 - 13000
Wattage Range (W)	25 - 85
Efficacy Range (LPW)	154 - 160
Length (Ft)	2 - 4
Control Options	0-10V, TruBlu, Microwave Internal MS, End Mount MS



Features and Specifications

Construction

- Polycarbonate extruded continuous housing.
- Waterproof Gasketed end caps.
- Internal aluminum LED heatsink for longer service life.
- Matte white finish or gloss black finish available.
- Easy clip fixture mounting system.
- IP66 washdown rated construction for harsh environments.

Optical

- High performance polycarbonate diffuse lens for glare reduction and increased efficiency.
- Impact rated Polycarbonate for protection in harsh environments.
- High performance MCPCB LED boards for ultra high efficacy and extended life.
- Multiple color temperatures available, 3500K, 4000K, and 5000K.
- Minimum 80CRI standard.

Electrical

- Universal Input (120V through 277V) optional high voltage 347V to 480V available.
- 100,000H L70 Calculated Lifetime.
- High Efficiency Driver (up to 90%)
- Dim to off 0-10v Standard.
- Optional Battery Backup Integrated Emergency System (up to 2900 Lumens)
- Operating temperature rated from -40°C to 38°C (-40°F to 100°F)

Fixture Controls

- 0-10v Dimming (dim to off)
- Wireless McWong TruBlu system with optional pre-commissioning service available.
- Microwave Internal Motion-Sensor with adjustable sensitivity, hold time, standby time, and daylight harvesting.
- End mount PIR Motion-Sensor with SmartDIM modes and various occupancy options, motion-sensor lens options are available for any application.

Mounting

- Stainless steel surface mount clips standard.
- Featuring easy clip system for effortless installation.
- Surface Mount clips also operate as fixture hanging brackets and can use V-shaped hangers for chain/cable systems.
- Clips also allow for threaded rod applications.

Warranty and Listings

- 5 year factory warranty please refer to <https://1stsourcelighting.com/warranty/> for more details.
- CSA Listed.
- Buy America Act Eligible.
- Title 24 Compliant.
- NSF Rated for Food Service
- IP66 Rated for Washdown Applications.
- DLC Premium Listed



Ordering Information

Length	Lumen ID	Wattage	Delivered Lumens	LPW
2ft	3800	25	3803	148
2ft	5400	35	5453	157
2ft	7600	50	7653	151
4ft	7600	50	7653	151
4ft	11600	75	11658	155
4ft	13100	85	13146	154

Delivered lumens and LPW based on 5000K Color Temperature

Example Part Number: LWD4-7600-50K-DPC-U-W-SM/CC-IMS-C10-515P

Series	Lumen ID	CCT	Lens	Voltage	Housing Color
LWD2 - Linear Washdown 2ft	2ft 3800	35K 40K	DPC - Diffuse Polycarbonate	U - Universal 120-277v	W - White B - Black
LWD4 - Linear Washdown 4ft	5400 7600 4ft 7600 11600 13100	50K		3 - 347v 4 - 480v	
Mounting Options		Dimming & Controls		Accessories	
SM/CC - Surface/Chain or Cable Mount ABM - Angle Bracket Mount (45° Wall Mount)		D0 - Dim to Off DLV - Dim by Line Voltage IMS - Internal Microwave Motion Sensor EMS - External PIR Motion Sensor TB - TruBlu Wireless Control System		C - Cord (Specify Length: C10 10ft cord) P - Plug (Specify NEMA) EM/2300 = EM Driver 2300 Lumen EM/2900 = EM Driver 2900 Lumen Gripple Hanging Cables Dottie Hangers	



Performance Information

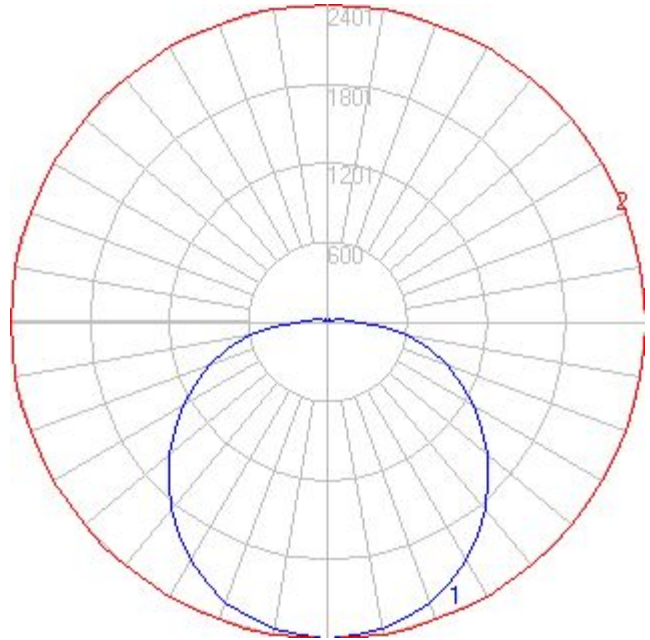
Length	Lumen ID	CCT	Wattage	Delivered Lumens	LPW
2ft	3800	3500K	25	3603	144.1
2ft	3800	4000K	25	3703	148.1
2ft	3800	5000K	25	3803	152.1
2ft	5400	3500K	35	5173	147.8
2ft	5400	4000K	35	5313	151.8
2ft	5400	5000K	35	5453	155.8
2ft	7600	3500K	50	7273	145.5
2ft	7600	4000K	50	7473	149.5
2ft	7600	5000K	50	7673	153.5
4ft	7600	3500K	50	7206	144.1
4ft	7600	4000K	50	7406	148.1
4ft	7600	5000K	50	7606	152.1
4ft	11600	3500K	75	11058	147.4
4ft	11600	4000K	75	11358	151.4
4ft	11600	5000K	75	11658	155.4
4ft	13100	3500K	85	12466	146.7
4ft	13100	4000K	85	12806	150.7
4ft	13100	5000K	85	13146	154.7



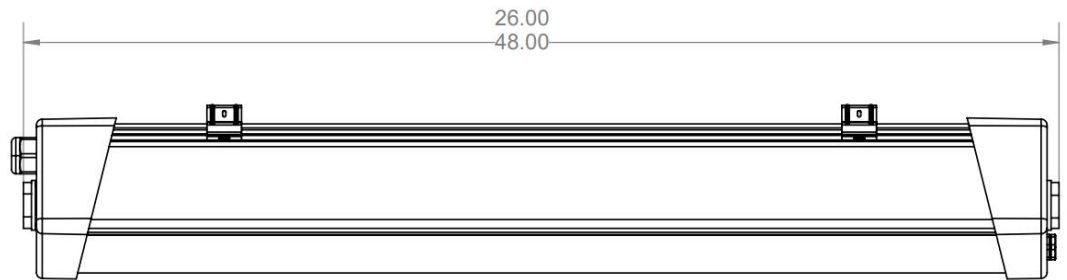
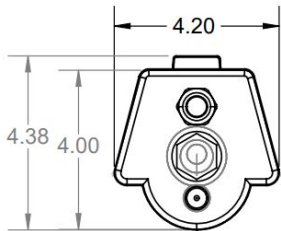
Performance Information

LWD4-7600-50K-DPC-U

Luminaire Data	
Fixture Details	4ft Linear Washdown, 7600 Lumen ID, 5000K, Diffuse Polycarbonate Lens, Universal Voltage
Wattage	50
Efficacy	152.1
Delivered Lumens	7606



Fixture Dimensions



Fixture Controls

Contact us for more details for fixture controls at sales@1stsourcelight.com

