



EXTERIOR COLLECTION

LINEAR

WALL WASH

LWW1 | LED LUMINAIRE IP65

OVERVIEW

Lumens

Delivers up to 100 lumens per watt

CRI

80

CCT

27K, 30K, 35K, 40K, 50K, RGBW

Voltage

120-277V

Dimming

0-10V (1%-100%), DMX512

Operating Temperature

-13°F ~ 122°F

Suitable Location

Wet (IP65)

Standard Finish



Custom finishes available.



Waterproof Connector

Project _____ Date _____

Catalog # _____ Quantity _____ Type _____



This LED Linear Wall Wash luminaire is designed for interior and exterior architectural lighting, delivering clean, high-performance illumination built for hotels, restaurants, offices, schools, hospitals, retail spaces, and modern residential projects, it combines durability with precision optics for clean lines. It is IP65-rated, high-CRI, dimmable, and supports long continuous runs from a single power source. The linkable, surface-mounted design and flexible mounting system make installation fast, stable, and visually seamless.

Features

- Available in 1FT and 4FT lengths, the system supports flexible specification across a wide range of project requirements. Continuous linear runs enable seamless, uninterrupted architectural installations.
- Lighting performance includes both static white and RGBW options.
- A high-transmission PC diffuser delivers soft, wide-angle, low-glare illumination, while 12 optional bi-directional optical distributions support applications such as cove lighting, wall washing, and facade grazing.
- Engineered for durability, the fixture is rated IP65 for weather protection and IK08 for impact resistance. UV-stable materials and a co-extruded PC + TPU housing enhance long-term outdoor performance and structural integrity.
- Installation is streamlined through a seamless, gap-free linear design and a rotatable die-cast mounting bracket adjustable up to 120°. A detachable safety cable supports secure maintenance handling. A self-locking waterproof plug system with dual-end sealing ensures reliable moisture protection.



BUILD WORKSHEET

Contact sales representative to order.

LWW1									
SERIES*	LENGTH	OUTPUT	CCT	VOLTAGE	OPTICS ²	CRI	DIMMING	FINISH	WARRANTY
LWW1 Linear Wall Wash	1 1FT	10 10W / 1000LM	27 2700K	U 120-277V	PC 110° Diffuser	8 80	V 0-10V	K Black Anodized, Standard	10 10-Year Optional
			30 3000K		07 7x7°				
	4 4FT	40 40W / 4000LM	35 3500K		10 10x10°				
			40 4000K		15 15x15°				
			50 5000K		18 18x18°				
			RW ¹ RGBW, DMX DC24V		D ¹ RGBW, DMX DC24	24 24x24°			
			36 36x36°						
			60 60x60°						
			E2 12x24°						
			E4 15x40°						
			E5 15x55°						
			AS Asymmetric 25°						

ACCESSORIES (Ordered separately)

CODE	DESCRIPTION
LWW-AMB	ARM MOUNTING BRACKET
LWW-PH	20IN POWER HARNESS WITH WATERPROOF JUNCTION BOX/BACK
LWW-AC-2FT	2FT AC CABLE
LWW-JUM [1, 3, 12]	JUMPER CABLE/BLACK [Optional Lengths: 1FT, 3FT or 12FT]
LWW-BTP	BLUETOOTH SMART TOUCH PANEL
LWW-DMC	DMX CONTROLLER (2.4 GHz Wi-Fi, DMX512/RDM)
LWW-4-PR	4FT ALUMINUM POSITIONING RAIL (W0.9" x H0.9")



110° PC Diffuser



Optical Lens

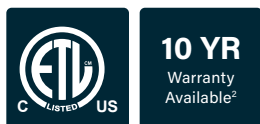
* Consult with sales representative for MOQ and lead time.

¹ See pages 6-7 for RGBW Lighting Control.

² See page 4 for optic details.

³ See page 5 for mounting details.

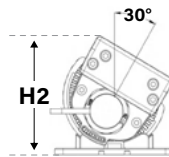
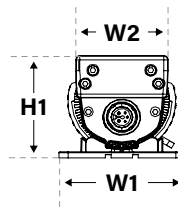
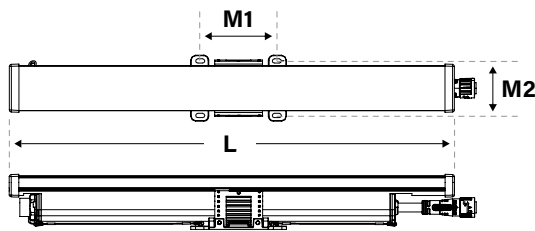
⁴ 5 Year Warranty is Standard unless specified.



PERFORMANCE DETAILS

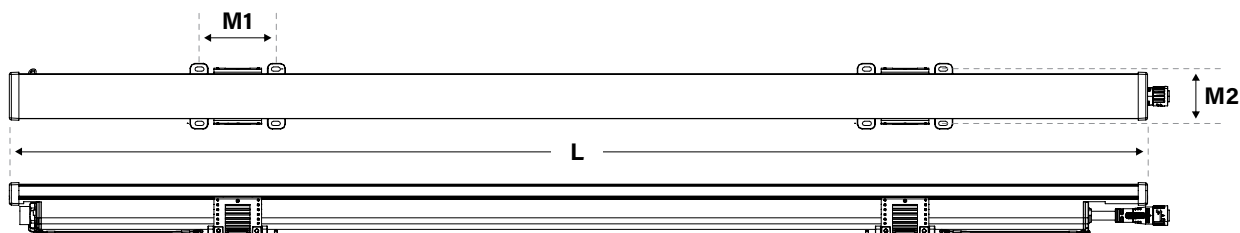
LENGTH	1FT	4FT
Electrical		
Wattage	10W	40W
Voltage	120-277V - 50/60Hz	
Power Factor	0.9	
THD	20	
Optical		
Lumens	800 lm (27K/30K); 1000 lm (35K/40K/50K)	3200 lm (27K/30K); 4000 lm (35K/40K/50K)
LPW	80-100	
CCT	2700K / 3000K / 3500K / 4000K / 5000K	
CRI	80 / 90	
Unified Glare Rating (UGR)	16	
Dimming	0-10V (1%-100%)	
Environment		
Operating Temperature	-13°F to 122°F	
Suitable Location	Wet	
IP Rating	IP65	
Impact Rating	IK08	
Construction		
Housing	Aluminum w/Die-Cast End Caps	
Lens	PC Diffuser / Clear Lens Cover	
Listings		
Qualifications	ETL	

DIMENSIONS



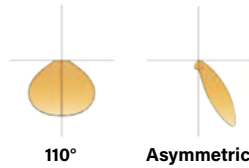
Adjustable angle of ±60°. For maximum height, set the angle to 30°.

SIZE	1FT	4FT
Length (L)	12.16"	47.00"
Width (W1)	2.71"	
Width (W2)	1.98"	
Height (H1)	2.26"	
Height (H2)	2.60"	
Mounting (M1)	3.15"	
Mounting (M2)	2.24"	

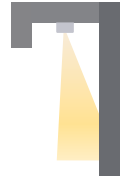
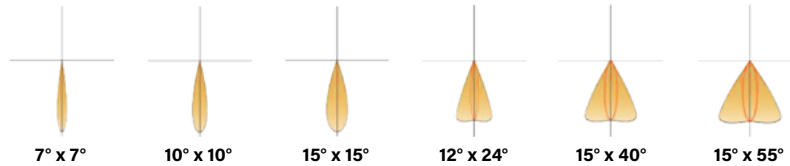


OPTICS

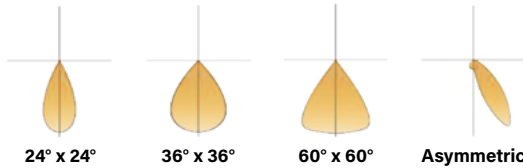
Cove: Architectural ledge or recessed feature located near the top of a wall.



Graze: Lighting positioned close and parallel to a surface to emphasize texture and create strong details.



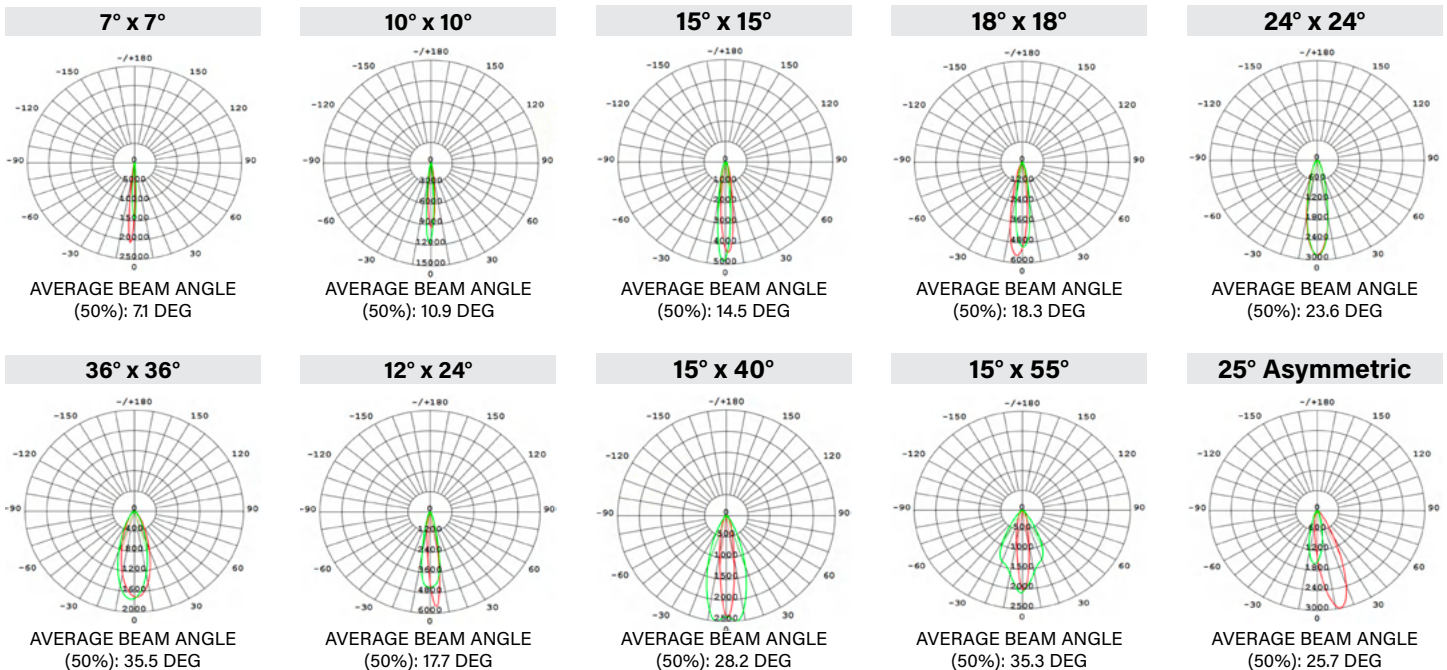
Wash: Light directed at a surface from a distance to create even illumination and minimize contrast.



Asymmetric: Light that provides smooth, uniform illumination across a ceiling or wall, eliminating shadows within the cove.

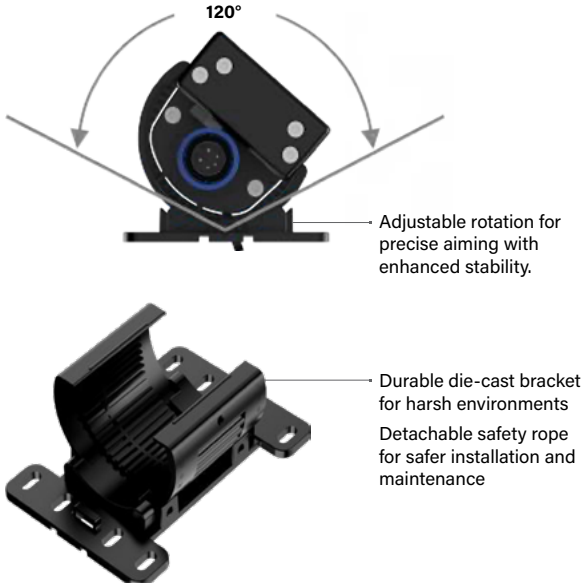


PHOTOMETRICS *Outputs shown are 1FT, 10W, 4000K*



MOUNTING

Rotatable Bracket (Included)



Adjustable Wall Arm (Optional)



CONTINUOUS RUNS



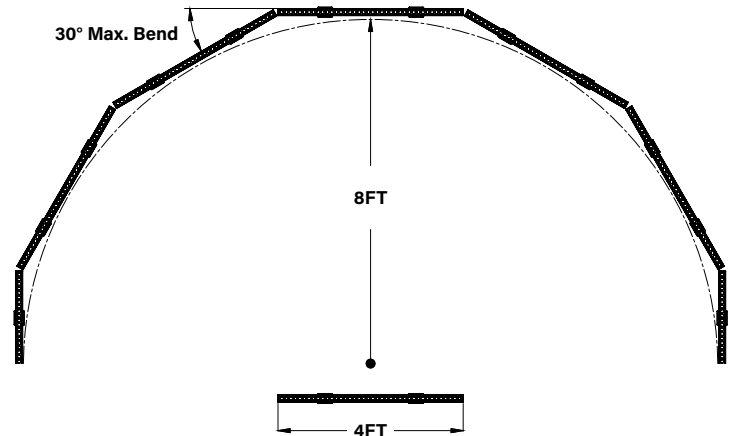
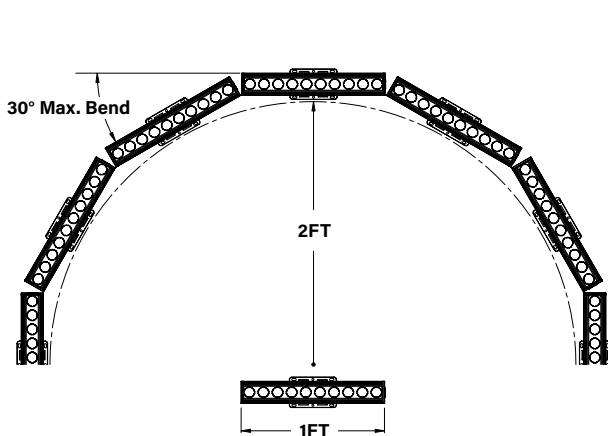
SIZE	1FT	4FT
Wattage	10W	40W
Maximum Length @ 120V	72FT	72FT
Maximum Length @ 277V	165FT	165FT

- All fixtures must be same power and voltage when used in a run.
- Run length is based on a standard 30mA dimmer limit. It can be extended up to 200FT when using a dimmer rated at 50mA.

Optional 4FT Positioning Rail



RADIUS BEND

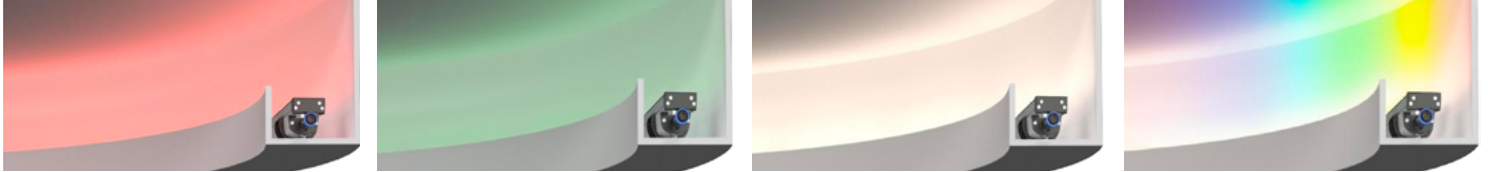


RGBW LIGHTING CONTROL

Supports RGBW lighting with multiple flexible control systems:

Bluetooth Control: Wireless, easy-to-use solution with quick access to preset color modes. Ideal for simple installation and fast scene switching.

DMX Control: Professional-grade system enabling remote configuration and multi-device management. Designed for precise, synchronized lighting effects.



OPTIONAL ACCESSORIES



BLUETOOTH SMART TOUCH PANEL

Intuitive control for everyday lighting operations

- Adjust color, brightness, and scene modes through a responsive touchscreen interface.
- Integrated Bluetooth 5.0 SIG Mesh for seamless wireless control via mobile app.
- Outputs standard DMX512 signal for direct integration with DMX decoders.

Specifications

- Input Voltage: 12–24V DC (Class 2)
- Wireless Protocol: Bluetooth 5.0 SIG Mesh
- Output Signal: DMX512
- Control Zones: 4

Wi-Fi DMX CONTROLLER

Smart configuration for DMX lighting systems through a mobile app.

- Supports RDM protocol for remote addressing and parameter configuration.
- Compatible with standard DMX512 and a wide range of third-party devices.
- Remote firmware upgrades for easy maintenance and updates.

Specifications

- Input Voltage: 5–24V DC
- Wireless Type: 2.4GHz Wi-Fi (802.11 b/g/n)
- Output Signal: DMX512 / RDM



DMX DRIVER

Constant Current

- Power and control for DMX lighting systems.

Specifications

- Input Voltage: 24V DC

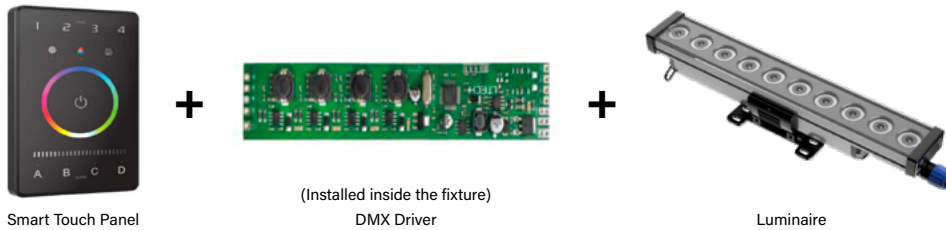
Optional built-in DMX driver, available pre-installed before shipment.



CONNECTION METHODS

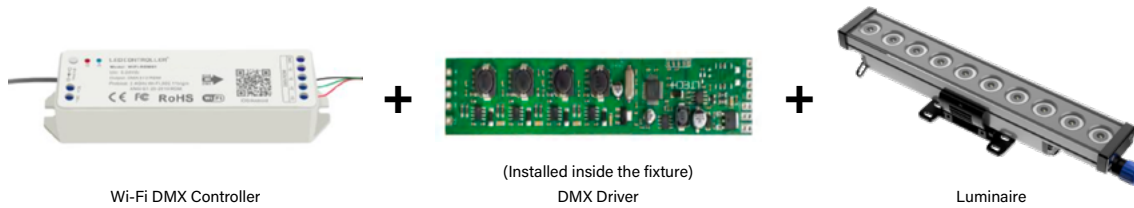
Option A: Wired DMX Control (Smart Touch Panel + DMX Driver + Luminaire)

- Bluetooth Smart Touch Panel outputs DMX512 signal directly
- DMX cable links Smart Touch Panel → DMX driver → luminaire
- DMX driver powers the fixture
- Real-time control of color and brightness via Smart Touch Panel



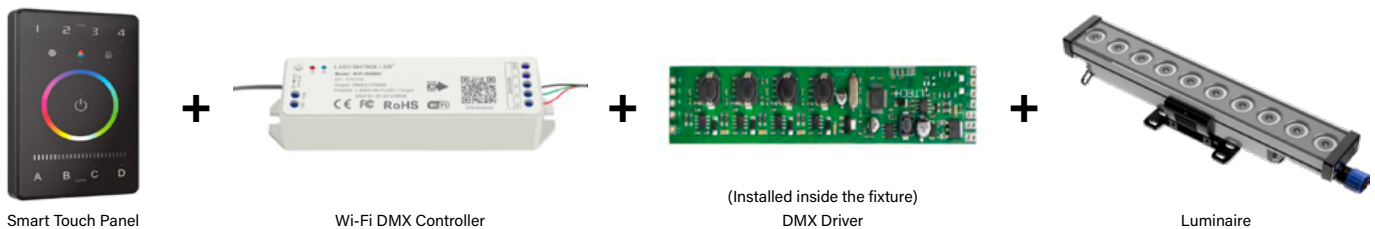
Option B: Wireless DMX Control (Wi-Fi DMX Controller + DMX Driver + Luminaire)

- DMX Controller transmits signals wirelessly via Wi-Fi
- DMX driver receives the signal and powers the light
- Mobile app (compatible with DMX Controller) enables remote control



Option C: Hybrid Control (Smart Touch Panel + Wi-Fi DMX Controller + DMX Driver + Luminaire)

- Smart Touch Panel communicates wirelessly with DMX Controller via Bluetooth Mesh
- DMX Controller converts wireless commands into wired DMX signals
- DMX driver powers the fixture and controls light output



Notes

- Bluetooth Smart Touch Panel enables direct control of dimming, RGBW color, and scene switching via standard DMX output, no external DMX console required.
- Wi-Fi DMX Controller is a signal converter, not a driver; it must work with a DMX driver to operate lights.
- DMX driver converts DMX signals into constant current and supplies power to the fixture.
- Wireless control requires a smartphone app and either Bluetooth Mesh or Wi-Fi connectivity.
- DMX cables transmit control signals only; separate power wiring is required.