

LINEAR IP66

LRW2 | LED LUMINAIRE

OVERVIEW

Lumens

Delivers up to 105 lumens per watt

CRI

80

CCT

3000K, 4000K, 5000K

Voltage

120-277V

Dimming

0-10V (1%-100%, Dim to Off)

Operating Temperature

-13°F to +122 °F

Projected Lifetime

54,000 Hours (L70)

Suitable Location

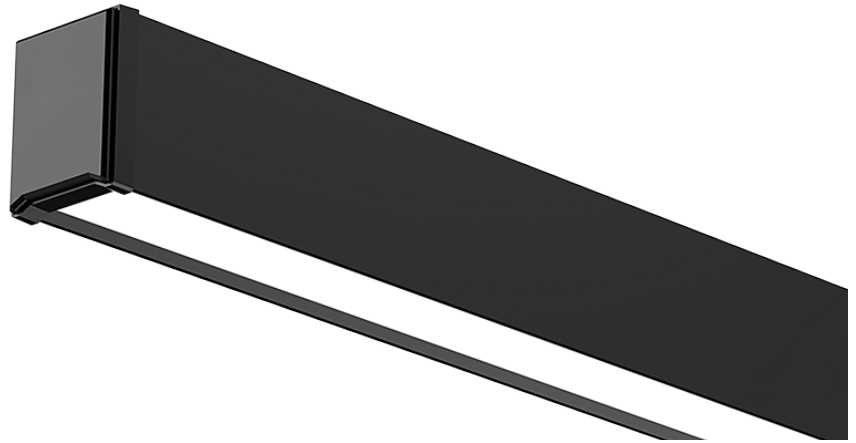
Wet (IP66)

Standard Finish

Black

White

Silver



The Linear Architectural is a rugged IP66-rated linear luminaire designed for reliable direct lighting in demanding indoor and outdoor environments. Built with an extruded aluminum housing and reinforced end-cap structure, it delivers strong thermal management, structural stability, and long-term durability. Its co-extruded lens and continuous silicone gasket provide a clean, fastener-free appearance. A pressure-balancing breather valve helps prevent internal condensation for stable performance in high-humidity conditions.

Features

- Available lengths: 2FT, 4FT, and 8FT sections for continuous run configurations.
- Housing: Heavy-duty 6063 aluminum extrusion with advanced thermal management.
- Lens & Protection: IK10 impact-rated and UV resistant lens with continuous silicone sealing system for IP66 protection.
- Light Flexibility: 3 selectable wattage levels and 3 selectable color temperatures for on-site adjustment.
- Mounting Options: Surface, wall, stem pendant, and recessed mounting options for versatile installation needs.



10 YR
Warranty
Available*

BUILD WORKSHEET

Contact sales representative to order.

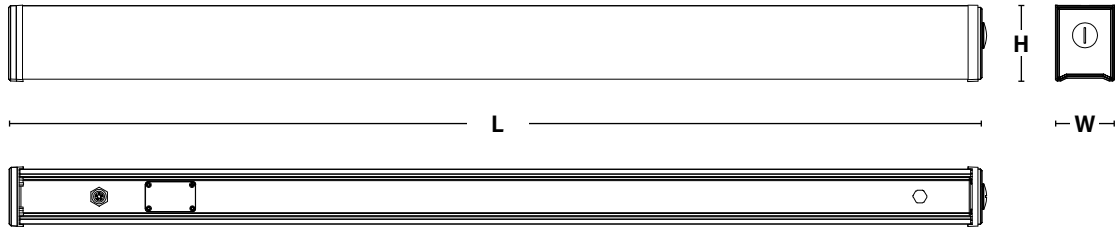
LRW2			3C	U				
SERIES*	LENGTH	OUTPUT ¹	CCT ¹	VOLTAGE	FINISH	WIRING ²	EMERGENCY	WARRANTY ³
LRW2 Linear Architectural - Wet Location	2 2FT	P20 Selectable: 10W, 15W, 20W	3C Selectable: 3000K, 4000K, 5000K	U 120-277V	K Black W White S Silver	S Side Exit, Linkable T Top Exit, Non- Linkable, Standard	Blank None E 8W internal emergency battery, factory-installed only. Compatible with 4FT and 8FT models only.	10 10 Year Option
	4 4FT	P40 Selectable: 20W, 30W, 40W						Blank Standard 5 Year
	8 8FT	P80 Selectable: 40W, 60W, 80W						

Special order series, consult sales representative for lead time.
 1. Default settings: highest wattage and highest CCT.
 2. Refer to page 4 for additional wiring and mounting compatibility.
 3. 5-year warranty is standard unless otherwise specified.

ACCESSORIES (Ordered separately)

CODE	DESCRIPTION
LRW-[2, 4, 8]-STMK	1/2" & 3/4" NPT STEM MOUNT KIT (Bracket length is determined by the fixture length.)
LRW-SMK	SURFACE MOUNT KIT
LRW-WMK	WALL MOUNT KIT
LRW-[2, 4, 8]-RMK	RECESSED MOUNT KIT [Optional Lengths: 2FT, 4FT or 8FT]
LRW-AC [7, 12]	AC INPUT CABLE [Optional Lengths: 7FT or 12FT]
LRW-JC [1, 3, 7, 12]	JUMPER CABLE [Optional Lengths: 1FT, 3FT, 7FT or 12FT]
LRW-LNK	CONTINUOUS RUN LINKING KIT
EMB-LRW-10W-U	EMERGENCY PACK EXTERNAL FOR LRW2 10W/90 MIN/IP65

DIMENSIONS

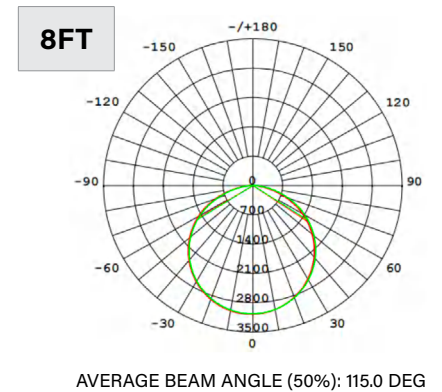
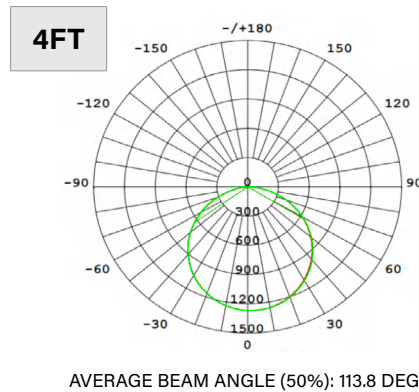
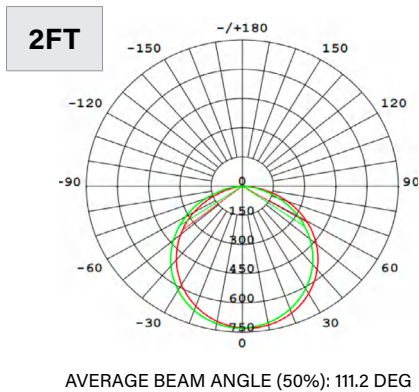


SIZE	2FT	4FT	8FT
Length (L)	24.88"	48.50"	95.75"
Width (w)	2.99"		
Height (H)	3.78"		

PERFORMANCE DETAILS

LENGTH	2FT	4FT	8FT
Electrical			
Wattage (Selectable)	10W / 15W / 20W	20W / 30W / 40W	40W / 60W / 80W
Voltage	120-277V - 50/60Hz		
Power Factor	0.9		
THD	20		
Optical			
Lumens	1050 / 1575 / 2100	2100 / 3150 / 4200	4200 / 6300 / 8400
LPW	105		
CCT (Selectable)	3000K / 4000K / 5000K		
CRI	80		
Unified Glare Rating (UGR)	28		
Dimming	0-10V (1%-100%, Dim to Off)		
Environment			
Operating Temperature	-13°F to 122°F		
Suitable Location	Wet		
IP Rating	IP66		
Impact Rating	IK10		
Construction			
Housing	Aluminum w/Die-Cast End Caps		
Lens	Frosted Acrylic		
Listings			
Qualifications	ETL		

PHOTOMETRICS



WIRING VS. MOUNTING COMPATIBILITY

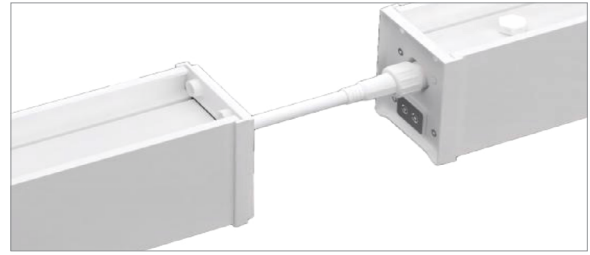


TOP EXIT WIRING

Standard (Non-Linkable)

- Best for individual installations: pendant, surface, wall, or recessed mounting.
- Clean aesthetic with concealed wiring for a seamless appearance.
- Note: Non-linkable. Standard version cannot be connected in series.

MOUNTING	WIRING
Stem	J-Box above fixture
Surface	Covers J-Box
Wall	Covers J-Box
Recessed	Requires space above



SIDE EXIT WIRING

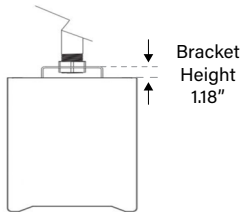
Continuous Runs (Linkable)

- Ideal for continuous linear runs and large-area lighting applications.
- Efficient end-feed power connection.
- Supports linking up to 7 units on a single power feed.
- For single-unit installations, simplified internal terminal wiring provides a cleaner setup.

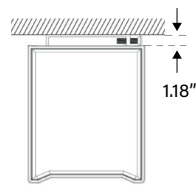
MOUNTING	WIRING
Stem	Power feed at the start of the run
Surface	Requires external J-box or conduit
Wall	Designed for continuous wall runs
Recessed	Not Recommended

MOUNTING

STEM MOUNT (STMK)



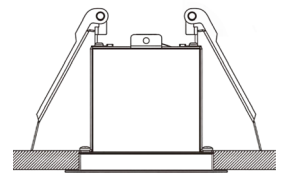
SURFACE MOUNT (SMK)



WALL MOUNT (WMK)



RECESSED MOUNT (RMK)



CONTINUOUS RUN - Single Direction

Maximum connected fixtures:

- 2FT: up to 7 units
- 4FT: up to 7 units
- 8FT: up to 4 units

Maximum total connected load:

- < 420W at 120V
- < 960W at 277V

