

LIGHT CHANNEL COMPLETE FIXTURE 0.6" RECESSED MILLWORK

24VDC, RGB



DESCRIPTION

Light Channel .6" Recessed Millwork is tailored for projects requiring a seamless design with ample illumination. The shallow profile integrates into various depths of millwork, while the flat 1/8" finished flange offers a minimal aesthetic, enhancing spaces with depth and dimension, seamlessly blending into the architecture while delivering premium task lighting for applications like under cabinets, bathrooms, work surfaces, and more. Light Channel .6" Recessed Millwork is made-to-order, with dynamic RGB color effects at 5 watts per foot. Available with a diffused white lens or clear lens for maximum light levels, with black or white louver options. Order in 2" or 3" increments from 12" up to 120"(10'). Click here for all [Other Color Temperatures](#). Our Light Channels provide high-quality illumination and are simple to specify and install, making it easy to elevate any space; for Field cuttable runs, see DIY spec sheet. Includes a 5-year pro-rated warranty. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com

FEATURES AND BENEFITS

- Low voltage, 24VDC Power supplies can be remotely located up to 40' away provides installation flexibility
- Slim recessed aluminum profile easily and seamlessly installs into a broad range of millwork applications
- 95+ CRI Warm-Dim strip offers outstanding color accuracy while granting color temperature control through dimming
- Several lens options and multiple finishes provide enhanced flexibility and customization
- Class 2 wiring, eliminates the need for conduit

LENS OPTIONS

- 40° Clear Lens (C)
- Clear Lens White Louver (CLW)
- Clear Lens Black Louver (CLB)
- 100° Diffused White Lens (D)
- Diffused Lens White Louver (DLW)
- Diffused Lens Black Louver (DLB)
- Diffused Lens with Gel Color Filter (G) (Provided by Customer)

LAMP

- RGB: Dynamic Red, Green, and Blue
- Average life: 50,000 hours
- For additional color temperatures refer to other specifications

INCLUDED COMPONENTS

- 72" Power Connector (Included 1 per fixture). Order extra as needed based on your installation requirements
- Mounting Clips (Included with every 2' of Channel)

REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- [DMX & Controls](#)

*In-wall mounting and drop ceiling kits available for select power supplies

COMPLIANCE

ETL, Class 2, Damp Location, Manufactured in the USA.

APPLICATIONS

Designed for indoor use only. Wall grazing for textured surfaces such as architectural wall panels, hallways, brick, stone, wood and more within residential, commercial, retail, and hospitality environments.

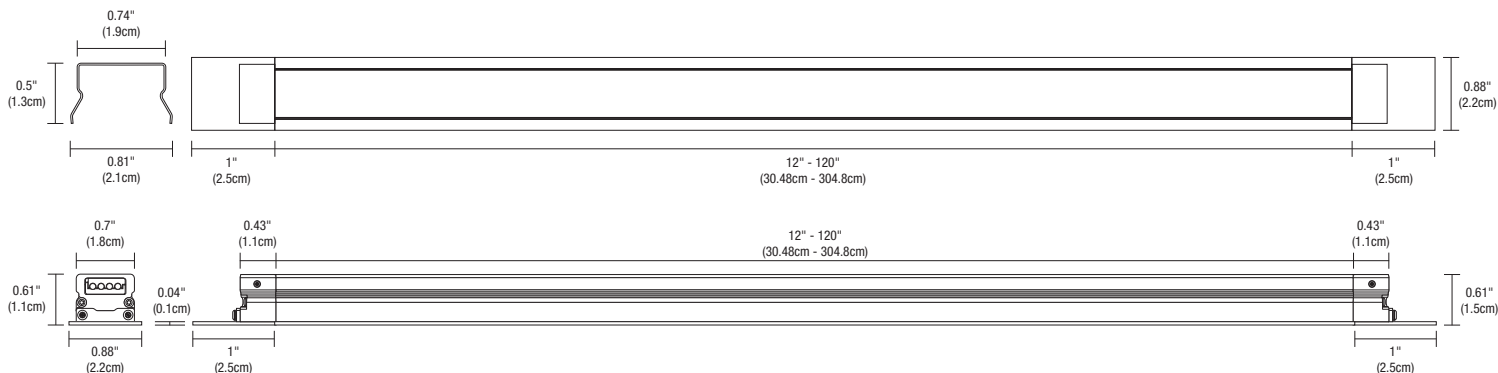
Product	Wattage	Nominal Size	Lens	Color Temperature	Finish
LCMW.6	5W	60	D	RGB	BZ
LCMW.6 Light Channel 0.6" Millwork	5W 5 watts	12-120 Available from 12" to 120" in 2" or 3" increments. See chart for exact lengths.	D Diffuser Lens C Clear Lens G Gel Lens DLW Diffused Lens with White Louver DLB Diffused Lens with Black Louver CLW Clear Lens with White Louver CLB Clear Lens with Black Louver	RGB Dynamic Color Red, Green, and Blue	BZ Antique Bronze SA Satin Aluminum WH White

PROJECT		FIXTURE TYPE		DATE	
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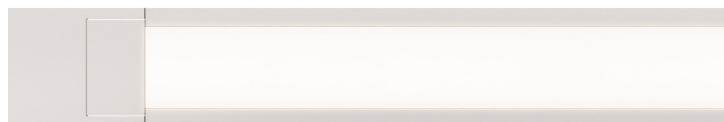
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REV 04.04.25



LENS OPTIONS



LCMW.6 LIGHT CHANNEL 61" DIFFUSED LENS White Diffused Lens projects clean lines of light, eliminating pixelation



LCMW.6 LIGHT CHANNEL 26" CLEAR LENS Clear Lens provides maximum light levels and will show slight pixelation



LCMW.6 LIGHT CHANNEL DIFFUSED WHITE LENS WITH WHITE LOUVER



LCMW.6 LIGHT CHANNEL DIFFUSED LENS WITH BLACK LOUVER



LCMW.6 LIGHT CHANNEL CLEAR LENS WITH WHITE LOUVER



LCMW.6 LIGHT CHANNEL CLEAR LENS WITH BLACK LOUVER



LCMW.6 LIGHT CHANNEL DIFFUSED LENS WITH GEL COLOR FILTER (PROVIDED BY CUSTOMER)

Clear and Diffuser Lens are Gel Color Filter Suitable allowing for color personalization. Zircon LED Gel filters are recommended and can be purchased from www.leefilters.com. Gel filter life is 5,000 hours before needing to be changed

LENGTH CHART: Actual lengths for Light Channel .6 Millwork

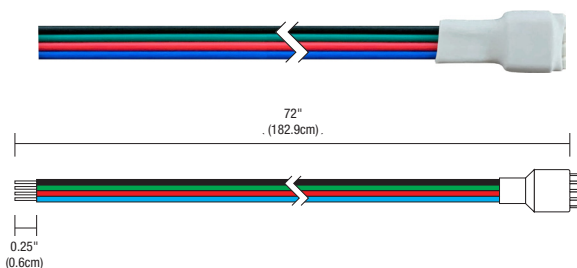
LIGHT CHANNEL MILLWORK											
Ordering Code (Nominal Size)	Illuminated Length (Inches)	Overall Recessed Length (Inches)	Overall Length with End Caps (Inches)	Ordering Code (Nominal Size)	Illuminated Length (Inches)	Overall Recessed Length (Inches)	Overall Length with End Caps (Inches)	Ordering Code (Nominal Size)	Illuminated Length (Inches)	Overall Recessed Length (Inches)	Overall Length with End Caps (Inches)
12	12.0	12.9	14.0	48	48.0	49.0	50.0	84	84.0	85.0	86.0
15	14.4	15.4	16.4	51	50.4	51.4	52.4	87	86.4	87.4	88.4
17	16.8	17.8	18.8	53	52.8	53.8	54.8	89	88.8	89.8	90.8
20	19.2	20.2	21.2	56	55.2	56.2	57.2	92	91.2	92.2	93.2
22	21.6	22.6	23.6	58	57.6	58.6	59.6	94	93.6	94.6	95.6
24	24.0	25.0	26.0	60	60.0	61.0	62.0	96	96.0	97.0	98.0
27	26.4	27.4	28.4	63	62.4	63.4	64.4	99	98.4	99.4	100.4
29	28.8	29.8	30.8	65	64.8	65.8	66.8	101	100.8	101.8	102.8
32	31.2	32.2	33.2	68	67.2	68.2	69.2	104	103.2	104.2	105.2
34	33.6	34.6	35.6	70	69.6	70.6	71.6	106	105.6	106.6	107.6
36	36.0	37.0	38.0	72	72.0	73.0	74.0	108	108.0	109.0	110.0
39	38.4	39.4	40.4	75	74.4	75.4	76.4	111	110.4	111.4	112.4
41	40.8	41.8	42.8	77	76.8	77.8	78.8	113	112.8	113.8	114.8
44	43.2	44.2	45.2	80	79.2	80.2	81.2	116	115.2	116.2	117.2
46	45.6	46.6	47.6	82	81.6	82.6	83.6	118	117.6	118.6	119.6
								120	120.0	121.0	122.0

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ACCESSORIES: Order based on your lighting design specifications or as replacement parts.

LIGHT CHANNEL POWER CONNECTOR

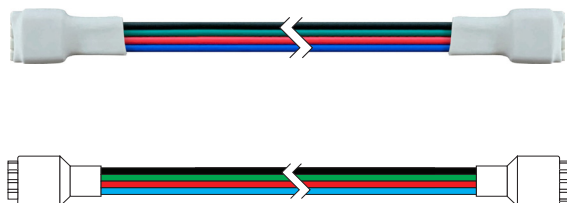
One Female Power Connector is included with each order of channel. For jumper connections, we recommend using WAGO 221 lever nuts according to your specific application requirements.



System	Type	Product	Length	Color Temperature
SS	FE	CON	72IN	RGB
SS Stomp/Soft Strip	FE Female Pin	CON Connector	72IN 72"	RGB Dynamic Color Red, Green, and Blue

FLEXIBLE CONNECTOR

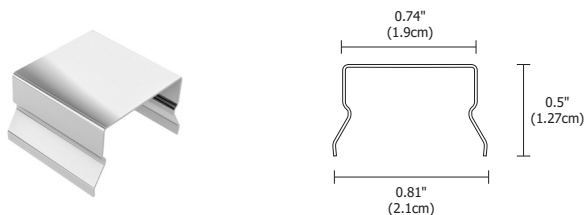
Flexible connectors link two sections of the Light Channel end to end.



System	Type	Product	Size	Color Temperature
SS	CFX	CON	12IN	RGB
SS Stomp Strip/Soft Strip	CFX Flexible Connector	CON Connector	12IN 12 Inches 72IN 72 Inches	RGB RGB (Tunable White Compatible)

MOUNTING CLIP

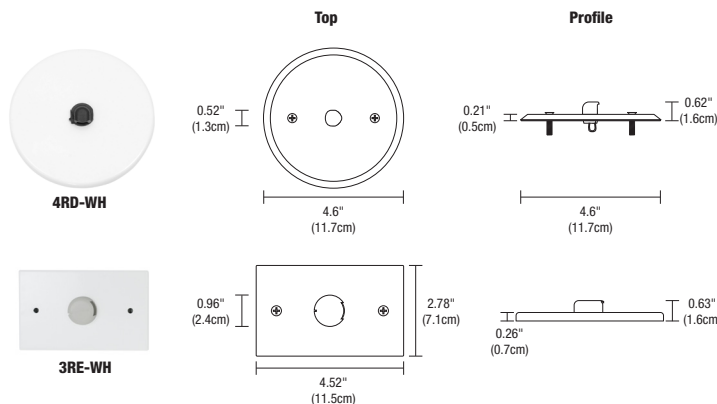
Light Channel comes with standard Mounting Clips. LCMW.6 Mounting Clips are provided with every 2' of Light Channel.



System	Product
LCMW.6	MCL
LCMW.6 Light Channel 0.6" Surface Millwork	MCL Mounting Clip

CANOPY COVER & SPLICE BOX

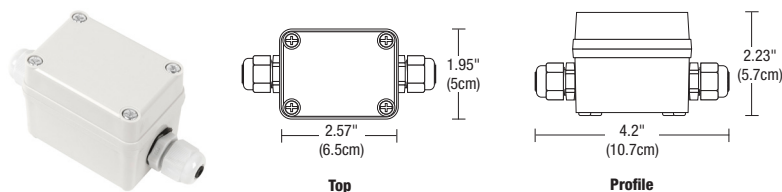
Use for remote located power supply. The 3 inch rectangle or 4 inch round white canopy covers the electrical box and feeds wires for Light Channel. The Splice Box provides a safe enclosure for low voltage connections.



Product	Finish
3RE	WH
3RE 3" Rectangle Canopy Cover 4RD 4" Round Canopy Cover	WH White

JUNCTION BOX

Low voltage Splice Box with connectors.



Product	Type	Option
2RE	JBOX	W
2RE 2" Rectangle	JBOX Junction Box	W Wet Location

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