LLX18WET-T-RGBW

Applications: outdoor / wet location, above cabinet, cove lighting, counter accent, architectural accents, under banisters, decks, gazebos, barbeque stations and wet bars.

RGB RGBW

IP65 IP67 IP68

Features

LineLED RGB & RGBW Wet Tube is a new small profile, more energy efficient LED strip for wet locations. The LineLED RGB & RGBW Wet Tube has superior light output, a durable but flexible circuit board and it is very easy to install.

Due to the sealing bond needed to guarantee the wet-rating, exact lengths are required to order the LineLED Wet Tube. Extending and turning corners in the field require custom production.

Mounting
LLED strip is equipped with 3M™ VHB™ adhesive transfer tape.

Approvals
IP65 & IP68 rated

Beam Angle
120°

Operating voltage
24 VDC

Average life
50,000 hours

Warranty
3 years

c UL us LISTED

DIM

RoHS

Declare.

Technical information

TYPE	RGB	RGBW (3000K)
OUTPUT OPTIONS	**SO**	**SO**
Lumens Output (all channels full on)	161 lm/ft	230 lm/ft
Average Power Consumption (for a 4' section)	3.9 W/ft	4.9 W/ft
Efficacy	34 lm/W	40 lm/W
Cutting Increment	4.00"	
Pitch Length	0.66"	
Max Run Length (in series)	30 ft	20 ft
Max Strip Length	16 ft	
Dimensions	0.47" W 0.24" H	0.52" W 0.24" H

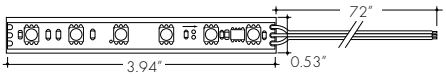
RGBW (3000K)

Tape	TM-30			
	CRI	R_f	R_g	R_9
LLRGBWX18-SO	93	91	99	64

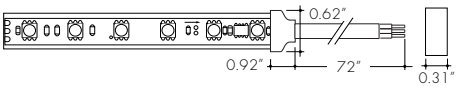
Dominant Wavelength	
Color	**RGB/RGBW**
Red	621nm
Green	519nm
Blue	465nm

Section Start/End Options

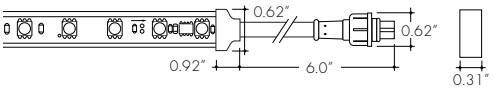
SL65
72" Soldered Leads, IP65 rated



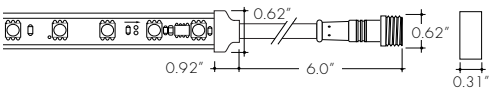
SL68
72" Soldered Leads, IP68 rated



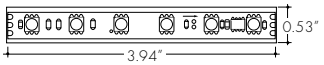
LF
Female Quick Connect End, IP67 rated



LM
Male Quick Connect End, IP67 rated



NC
No Connector



IP65 rated when used with SL65 selection

IP67 rated when used with LM or LF selection
IP68 rated when used with SL68 selection

Ordering code

MODEL	ENCLOSURE	COLOR	SECTION START	SECTION END	LENGTH
LLX18WET	T - Tube	RGB - Red, Green, & Blue RGBW - Red, Green, Blue, & White (3000K)	SL65 - IP65 Soldered lead wires (72") SL68 - IP68 Soldered lead wires (72") F - Female connector M - Male connector NC - No connector	SL65 - IP65 Soldered lead wires (72") SL68 - IP68 Soldered lead wires (72") F - Female connector M - Male connector NC - No connector	view table above for increment options and maximum run limits

Power consumption per linear foot*

* with all 4 circuits at full brightless

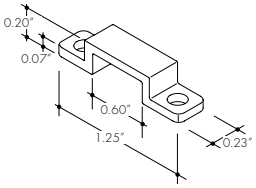
RGB					
Length of Strip (LF)	W/ft	Total wattage	Length of Strip (LF)	W/ft	Total wattage
1	4.60	4.60	**21**	3.55	74.55
2	4.55	9.10	**22**	3.45	75.90
3	4.50	13.50	**23**	3.40	78.20
4	4.45	17.80	**24**	3.35	80.40
5	4.40	22.00	**25**	3.30	82.50
6	4.35	26.10	**26**	3.25	84.50
7	4.30	30.10	**27**	3.15	85.05
8	4.25	34.00	**28**	3.10	86.80
9	4.20	37.80	**29**	3.05	88.45
10	4.15	41.50	**30**	3.00	90.00
11	4.10	45.10			
12	4.05	48.60			
13	4.00	52.00			
14	3.95	55.30			
15	3.90	58.50			
16	3.85	61.60			
17	3.75	63.75			
18	3.70	66.60			
19	3.65	69.35			
20	3.60	72.00			

RGBW		
Length of Strip (LF)	W/ft	Total wattage
1	5.65	5.65
2	5.65	11.30
3	5.65	16.95
4	5.60	22.40
5	5.50	27.50
6	5.45	32.70
7	5.35	37.45
8	5.30	42.40
9	5.25	47.25
10	5.20	52.00
11	5.15	56.65
12	5.10	61.20
13	5.05	65.65
14	4.95	69.30
15	4.85	72.75
16	4.75	76.00
17	4.60	78.20
18	4.50	81.00
19	4.40	83.60
20	4.30	86.00

Accessories

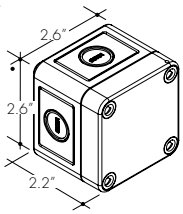
Mounting clip:
recommended at every 12" when LineLED strip is facing down.

Part # CL2



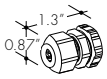
Splice Box:
Wet rated, low voltage splice box, gray

Part # LVSP-WET



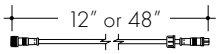
Connector:
Low voltage splice box wet cable management gray

Part # LVSP-WET-CM



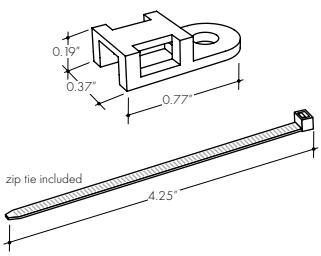
Male/Female Joiner:
Linking and extension cable in 12" or 48"

Part # IP68-RGB-12
IP68-RGB-48



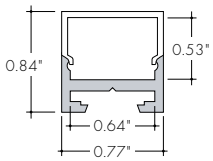
Part # LL.ZIP

Cable/Wire Strain Relief Clip



C	HF	GR	F	FF	R	S	Q	13°
Clear	Half (50%) Frosted	Graze	Frosted	Flat Frosted	Raised	Square Frosted	Round Square Frosted	13° Semi-Frosted

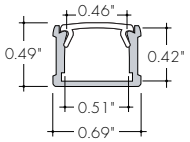
CLA Channel (CLAC-XX)



S 62% Q 65%

Not compatible with LF, LM, or IP68 selections

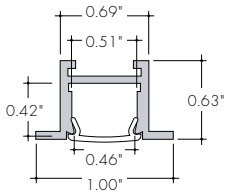
KM Channel (KMC-XX)



C 82% HF 68% F 45% FF 52% R 58%

Not compatible with LF, LM, or IP68 selections

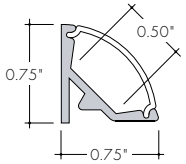
KRM Channel (KRMC-XX)



C 82% HF 68% F 45% FF 52%

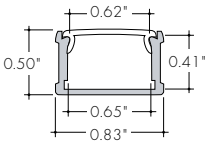
Not compatible with LF, LM, or IP68 selections

K45R Channel (K45R-XX)



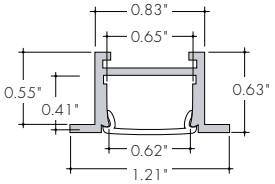
RF 61%

KXL Channel (KXLC-XX)



C 79% HF 66% F 49%

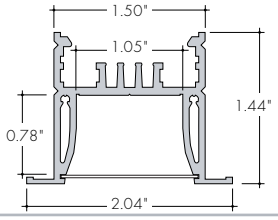
KRXL Channel (KRXLC-XX)



C 79% HF 66% F 49%

Not compatible with LF, LM, or IP68 selections

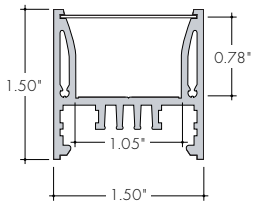
KiloR Channel (KILORC-XX)



C 85% F 75%

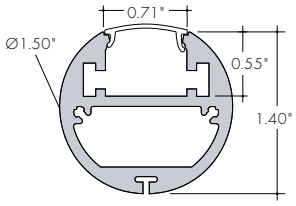
Not compatible with LF, LM, or IP68 selections

Kilo Channel (KILOC-XX)



C 85% F 75%

RO15 Channel (RO15-XX)



C 65% F 41%

Discontinued Extrusion Reference Link

https://www.luminii.com/media/4351/extrusion-update-02.pdf

Power supply

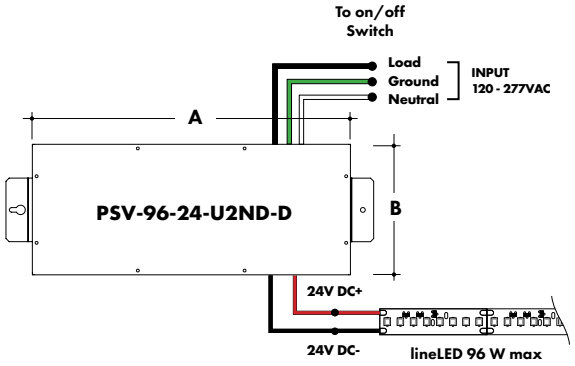
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

Non-Dimming Power Supply

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	96	24	U2ND	D

PSV - PSV Series | 96 - 96 Watt | 24 - 24 VDC | U2ND - Non Dimming | D - Damp

MODELS		96W
A	Length	14.40"
B	Width	5.20"
	Depth	2.60"



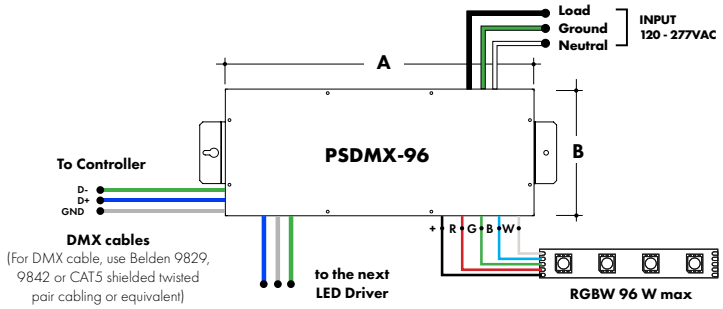
DMX Dimming Power Supplies

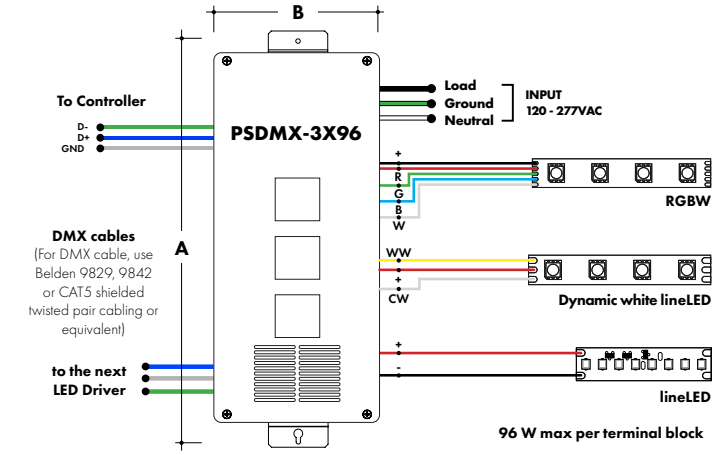
MODEL	POWER	OUTPUT
PSDMX	96	24

PSDMX - DMX Power Supply | 96 - 96 Watt, 3X96 - 3 X 96 Watt | 24 - 24 VDC

Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS		96W	3X96
A	Length	14.40"	15.75"
B	Width	5.20"	6.62"
	Depth	2.60"	4.95"





DMX-3Z-RGBW

RGBW LED 1 or 3 Zone Controller

ORDERING CODE

MODEL	ZONES	COLOR
DMX	**3Z**	**RGBW**

DMX - DMX Controller

3Z - Three Zone
1Z - One Zone

RGBW - Red, Green, Blue, & White

DMX /Wireless RGB-W wall-mount controller controls DMX lighting fixtures, wireless control of RGB-W lighting fixture or use both simultaneously. Fits in any standard US switch box. Includes all the outputs in the back of the controller.

Control brightness levels with a single touch, personalize and memorize 3 different scenes, and even create 3 variations of white.

Features

- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- 65,000 Color Options, Dimming and Speed Control
- Memory Function
- 50 Foot Wireless Range
- Easily Fits Standard US Switch Boxes
- Touch Sensitive Glass Surface
- Includes 10 Built in Programs, or Create and Play Your Own

Operating voltage

12 - 24V DC

Color parameters

- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed

Touch DMX Controller

Touchscreen digital LED controller

ORDERING CODE

MODEL
TSDMX-E

TSDMX-E - Touchscreen DMX controller

Programmable advanced DMX512 lighting controller featuring a touch-screen interface. Operates as stand alone controller or integrated with most architectural lighting control systems. Can controller endless DMX512 enabled devices.

Mounts to standard single or dual gang wall box with the included power supply inside the junction box. Terminal block design for power and data connections.

Features

- Sleek glass design which sits 0.43" from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control

Power supply

7 VDC (included)

Programmability

PC, Mac, Tablet, Smartphone

Output signal

DMX512 (1024 channels)

Color parameters

- Brightness
- Saturation
- Speed of color changing sequence
- Fading / dimming / brightness

DMX decoder

DMX signal to RGBW decoder (required to operate DMX controller)

Translates controller DMX512 programs for RGB and white LED strips.

Unique DMX address for the decoder can be set easily and displayed by the numeric display on the case. Changing and resetting the DMX address requires manual input.

Use power repeater to expand output.

Operating voltage

12-36 VDC

Power capacity

up to 96W at 24V

Operating temperature range

from -4°F to +122°F in case

ORDERING CODE

MODEL
DDMX-RGBW

DDMX-RGBW - DMX decoder