



Features

The LLX18-RGBW is a small profile LED strip featuring a unique 4 chips into LED. Each LED has a red, green, blue and warm white (3000K) diode built in for greater range of color mixing and control.

Mounting

LED strip is equipped with 3M™ adhesive transfer tape (9472LE). The strip must be adhered to either a Luminii aluminum profile or an unpainted aluminum surface. For other surfaces the HST Aluminum heat sink tape will be required to reach the rated 50,000 hours average life

Applications

Indoor only - above and below cabinets, cove lighting, counter accent, architectural reveals, under banister, display and book cases, etc.

Approvals

Class 2 damp listed

Operating voltage

24 VDC (RGBW controller and power supply required)

Average life

50,000 hours

Warranty

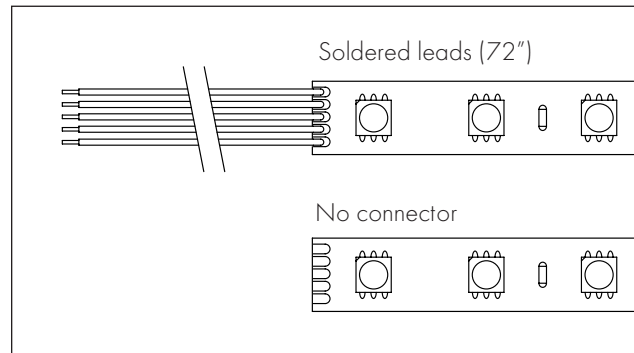
5 years



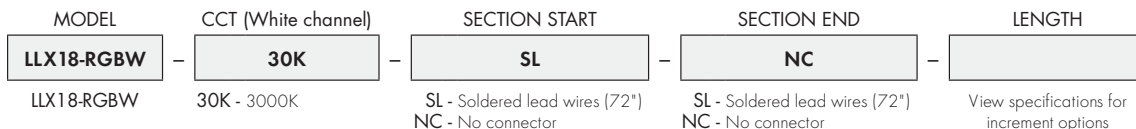
Technical specifications

MODEL	LLX18-RGBW
LEDs/ft	18
Light output	256 lumen/ft
Average power consumption (for 15' section)	4.85W/ft
Ordering increment	4.00"
Pitch length	0.66"
Maximum run length (in series)	20 ft
Dimensions	0.47" W 0.09" H

Section start/end options



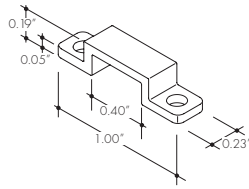
Ordering code



Mounting accessories

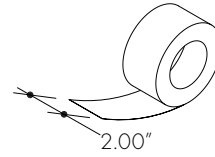
Mounting clip:
recommended at every 12" when
LineLED strip is facing down.

Part # CL-1



Heat sink tape:
included with LineLED strip when
no extrusions are ordered

Part # HST



Power consumption per linear foot*

* with all 4 circuits at full brightness

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

Length of Strip (LF)	W/ft	Total wattage
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

Lens options / light transmission percentage per lens

C Clear	HF Half (50%) Frosted	G Graze	SI Satin Ice	S Square Frosted	Q Round Square Frosted	F Frosted	M Medium Beam Frosted	R Raised	C36 Clear 36° Beam Angle	C10 Clear 10° Beam Angle
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KS Channel (KSC-XX) C F HF C36 R 85% 55% 72% 83% 51%	KM Channel (KMC-XX) C F HF C10 R 71% 42% 58% 67% 39%	K45V Channel (K45VC-XX) C F HF C10 71% 42% 58% 67%	K45R Channel (K45RC-XX) F 42%	BOS Channel (BOSC-XX) F SI R G 43% 56% 46% 67%
KL Channel (KLC-XX) C F HF 83% 55% 68%	KXL Channel (KXLC-XX) C F HF 74% 46% 61%	CLA Channel (CLAC-XX) S Q 62% 63%	ALC Channel (ALC-XX) C F HF 79% 58% 69%	KRS Channel (KRSC-XX) C F HF 85% 55% 72%
KRM Channel (KRMC-XX) C F HF 71% 42% 58%	KRL Channel (KRLC-XX) C F HF 83% 55% 68%	KRXL Channel (KRXLC-XX) C F HF 74% 46% 61%	Wall+ Channel (WPC-XX) C F 47% 44%	RO Channel (RO-XX) C F 75% 52%
ALS20 Channel (ALS20-XX) C F 78% 43%	FL Channel (FL-XX) C F HF 85% 63% 75%			

Installation

All mounting channels are field cuttable using miter saw with circular blade suitable for cutting aluminum.

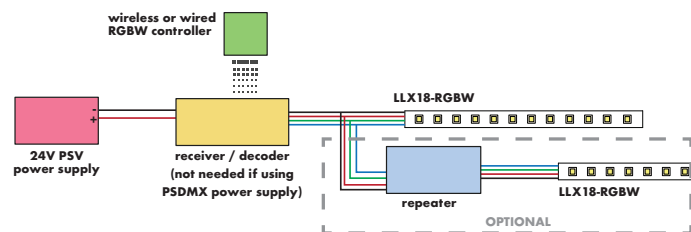
Ordering

Extrusions are sold separately. View respective specsheets for details on ordering extrusions and their accessories (endcaps, mounting brackets, etc).

Discontinued Extrusion Reference Link

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

Wiring Diagram

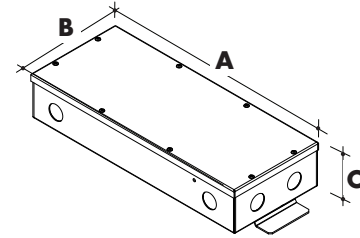


Power supply

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 - Dry Location



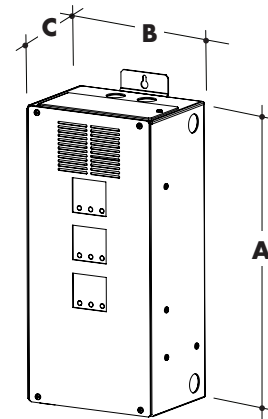
MODELS	96W
A Length	14.40"
B Width	5.20"
C Depth	2.60"

DMX Dimming Power Supplies

MODEL	POWER	OUTPUT
PSDMX	96	24
PSD - DMX Power Supply	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC

Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	96	3X96
A Length	14.40"	15.75"
B Width	5.20"	6.60"
C Depth	2.60"	4.80"



DMX-3Z-RGBW

RGBW LED 1 or 3 Zone Controller



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.

ORDERING CODE

Model	Zones	Color
DMX	3Z	RGBW
DMX - DMX controller	3Z - Three Zone 1Z - One Zone	RGBW - Red, Green, Blue & White

Operating voltage
12 - 24V DC

Features

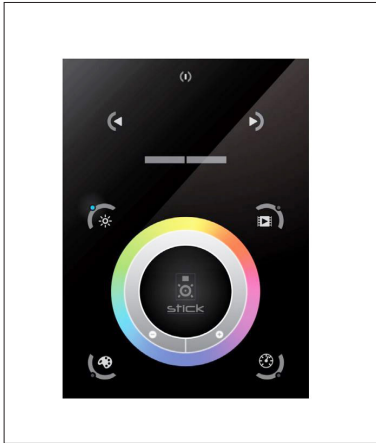
- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- 65,000 Color Options, Dimming and Speed Control
- Memory Function
- 50 Foot Wireless Range
- Easily Fits Standard US Switch Boxes
- Touch Sensitive Glass Surface
- Includes 10 Built in Programs, or Create and Play Your Own

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.

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

Key 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

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