



Features

LL42-RGB is a small profile, bright, color-changing LED strip. Increased pitch provides more continuous light, while a High Output option offers incredible brightness. Luminii attention to color quality provides balanced output across the color gamut, allowing production of millions of beautiful colors.

Mounting

LL42-RGB strip is equipped with 3M™ adhesive transfer tape (9472LE). LL42-RGB-HO must be paired with an approved Luminii extrusion.

Applications

Indoor only - millwork, cove, architectural reveals, undercabinet, display case, handrail, accent lighting.

Approvals

Class 2 damp listed

Operating voltage

24 VDC

Life (L70)

50,000 hours

Warranty

5 years



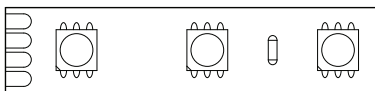
Technical information

MODEL	LL42-RGB	
OUTPUT OPTIONS	SO	HO
LEDs/ft	42	42
Light Output*	224 lm/ft	332 lm/ft
Average Power Consumption* (for 4' Section)	5.0 W/ft	9.2 W/ft
Cutting Increment	1.97"	
Pitch Length	0.28"	
Efficacy	45 lm/W	36 lm/W
Maximum Run Length (in series)	28 ft	13 ft
Dimensions	0.39" W x 0.07" H	

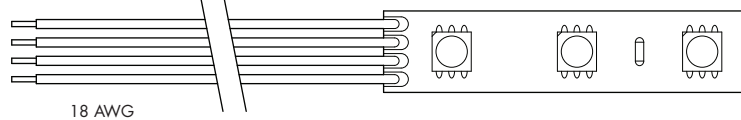
Color	Dominant Wavelength
Red	620nm
Green	525nm
Blue	467nm

SECTION START/END OPTIONS

No connector



Soldered lead wires (72")



Ordering Code

MODEL	OUTPUT	SECTION START	SECTION END	LENGTH
LL42-RGB - LL42-RGB Dynamic Color	SO - Standard HO - High	SL - Soldered lead wires (72") NC - No connector	SL - Soldered lead wires (72") NC - No connector	View specifications for increment options

Power Consumption

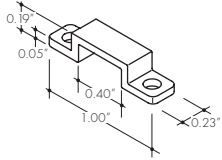
Tested with PSD series of power supply (page 4)

Nominal Length	LL42			
	SO		HO	
	W/ft	Total wattage	W/ft	Total wattage
1	4.9	4.9	9.6	9.6
2	5.0	9.9	9.2	18.4
3	4.9	14.8	9.2	27.7
4	5.0	19.9	9.3	37.1
5	4.9	24.5	9.0	44.9
6	4.9	29.6	9.0	53.8
7	4.8	33.7	8.8	61.8
8	4.8	38.6	8.6	69.1
9	4.8	42.9	8.6	77.4
10	4.7	47.3	8.3	83.2
11	4.7	51.4	7.8	86.0
12	4.6	54.8	7.6	90.8
13	4.6	59.6	7.2	93.6
14	4.5	63.2		
15	4.4	66.6		
16	4.4	70.4		
17	4.4	74.1		
18	4.3	77.0		
19	4.2	79.3		
20	4.1	81.8		
21	3.9	81.7		
22	3.8	84.3		
23	3.7	85.3		
24	3.6	86.6		
25	3.5	87.6		
26	3.5	89.7		
27	3.3	90.2		
28	3.3	93.6		

Accessories

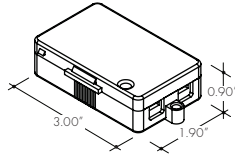
CL-1

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



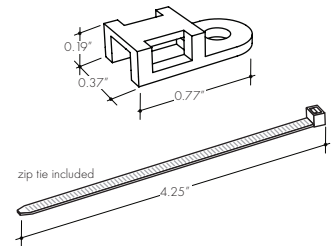
LVSP-4T-BK

Splice box for low voltage, 4 terminal connections, black



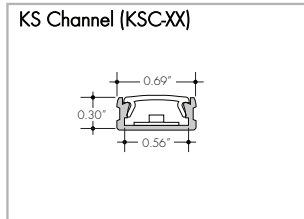
LL.ZIP

Strain relief clip for wire management

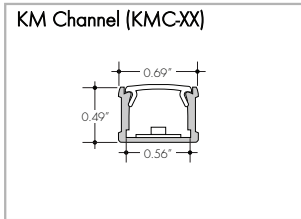


Lens Options / Light Transmission

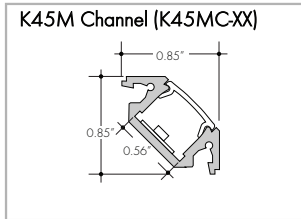
- C** Clear
- HF** Half (50%) Frosted
- G** Graze
- SI** Satin Ice
- S** Square Frosted
- Q** Rounded Square Frosted
- F** Frosted
- M** Medium beam frosted
- R** Raised
- C36** Clear 36° beam angle
- C10** Clear 10° beam angle



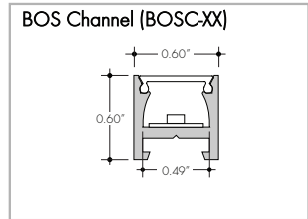
- C** 85%
- F** 55%
- HF** 72%
- C36** 83%
- R** 51%



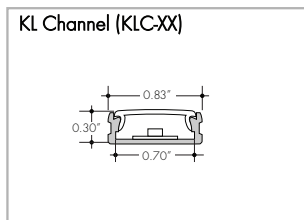
- C** 71%
- F** 42%
- HF** 58%
- C10** 67%
- R** 39%



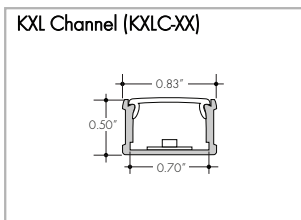
- C** 71%
- F** 42%
- HF** 58%
- C10** 67%



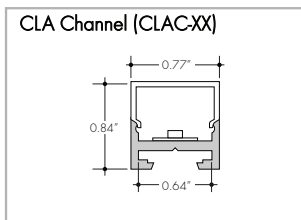
- F** 43%
- SI** 56%
- R** 46%
- G** 67%



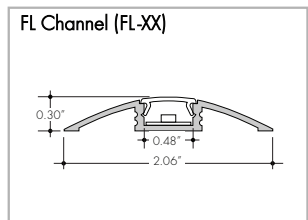
- C** 83%
- F** 55%
- HF** 68%



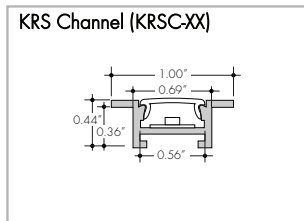
- C** 74%
- F** 46%
- HF** 61%



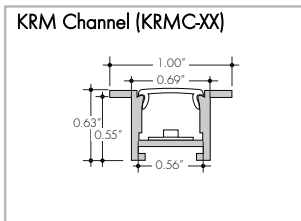
- S** 62%
- Q** 63%



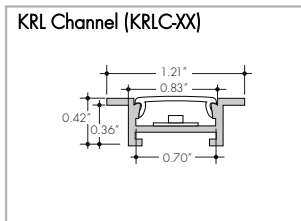
- C** 85%
- F** 63%
- HF** 75%



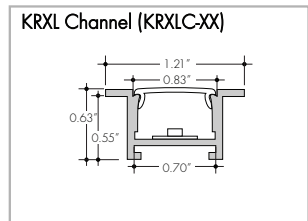
- C** 85%
- F** 55%
- HF** 72%



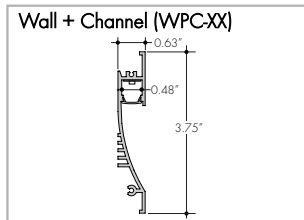
- C** 71%
- F** 42%
- HF** 58%



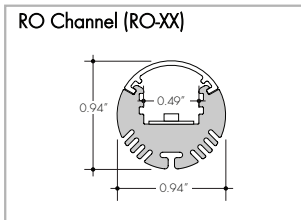
- C** 83%
- F** 55%
- HF** 68%



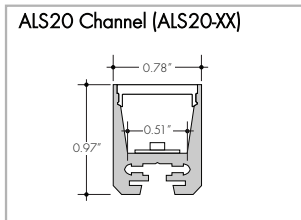
- C** 74%
- F** 46%
- HF** 61%



- C** 47%
- F** 44%



- C** 75%
- F** 52%



- C** 78%
- F** 43%

Installation

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

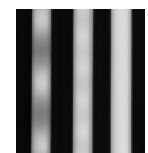
Ordering

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

LED Dotting Per Extrusion

Using the Frosted Lens Option

LL42-RGB		
Extrusion	SO	HO
KSC, KRSC, FL, ALC	SD	SD
KMC, KRMC, K45VC, K45RC	ND	ND
KXLC, KRXLC	ND	ND
KLC, KRLC	SD	SD
WPC	CD	CD
RO, ALS20	ND	ND
BOSC	ND	ND
CLAC	ND	ND
KILOC, KILORC	ND	ND



CD SD ND

CD - Clear Dotting
SD - Slight Dotting
ND - No Dotting

Power Supply

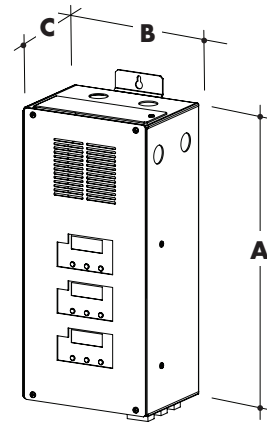
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view luminii website for list of compatible dimmers.

DMX

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

Features eldoLED's LINEARdrive configurable dimmable drivers

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

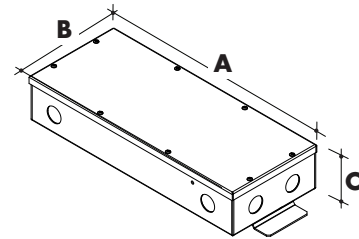


Non-Dimming Power Supplies:

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV - PSV Series	40 - 40 Watt 60 - 60 Watt 96 - 96 Watt	24 - 24 VDC	U2ND - Non Dimming	D - Dry Location

Requires a controller & a decoder to work properly

MODELS	40W	60W	96W
A Length	14.40"	14.40"	14.40"
B Width	5.20"	5.20"	5.20"
C Depth	2.60"	2.60"	2.60"



DMX Decoder

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



ORDERING CODE

MODEL

DDMX-RGBW

DDMX-RGBW - DMX decoder

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

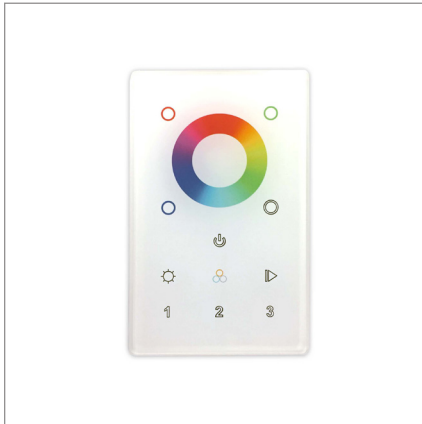
Operating temperature range

from -4°F to +122°F in case

Controllers

DMX-1Z-RGBW, 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.

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

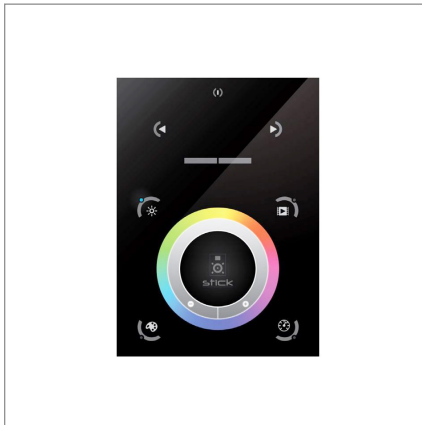
- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed

ORDERING CODE

MODEL	ZONES	COLOR
DMX - DMX Controller	1Z - One Zone 3Z - Three Zone	RGBW - Red, Green, Blue, & White

Touch DMX Controller

Touchscreen digital LED 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 controll endless DMX512 enabled devices.

Mounts to a standard single or dual gang junction box. The included power supply fits inside the junction box, while the terminal block facilitates 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

ORDERING CODE

MODEL
TSDMX-E

TSDMX-E - Touchscreen DMX controller