

### Features

LL36-RGBW is a small profile LED strip incorporating 4 discrete emitters in each LED - red, green, blue, and 3000K white. 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, as well as true, balanced white.

### Mounting

LL36-RGBW strip is equipped with 3M™ adhesive transfer tape (9472LE). LL36-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 Specifications

MODEL	LL36-RGBW	
OUTPUT OPTIONS	SO	HO
LEDs/ft	36	36
Light Output*	219 lm/ft	351 lm/ft
Average Power Consumption* (for 4' Section)	4.3 W/ft	8.2 W/ft
Cutting Increment	1.97"	
Pitch Length	0.33"	
Efficacy	51 lm/W	43 lm/W
Maximum Run Length (in series)	26 ft	13 ft
Dimensions	0.39" W x 0.07" H	

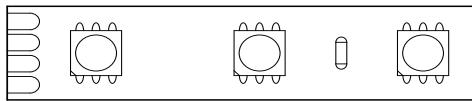
\*all channels full on

TM-30 (3000K)	CRI	R <sub>f</sub>	R <sub>g</sub>	R <sub>9</sub>
LL36-RGBW-SO	95	94	106	82
LL36-RGBW-HO	95	93	106	84

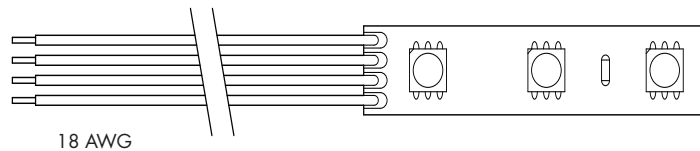
Color	Dominant Wavelength
Red	620nm
Green	525nm
Blue	467nm

## SECTION START/END OPTION

No connector



Soldered lead wires (72")



## Ordering Code

MODEL	OUTPUT	SECTION START	SECTION END	LENGTH
LL36-RGBW	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 Per Linear Foot**

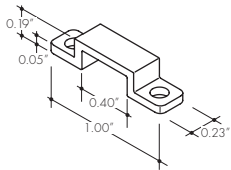
Tested with PSD series of power supply (page 4)

Nominal Length	LL36			
	SO		HO	
	W/ft	Total wattage	W/ft	Total wattage
1	4.4	4.4	8.1	8.1
2	4.1	8.1	8.1	16.1
3	4.2	12.6	8.1	24.3
4	4.3	17.2	8.2	32.7
5	4.3	21.3	8.1	40.5
6	4.3	25.7	8.2	49.1
7	4.3	30.1	8.2	57.1
8	4.3	34.2	8.0	63.6
9	4.2	37.8	7.6	68.2
10	4.3	42.9	7.6	76.3
11	4.2	46.6	7.6	83.1
12	4.2	50.6	7.3	88.0
13	4.2	54.0	7.1	92.2
14	4.1	57.9		
15	4.1	60.9		
16	4.0	64.4		
17	3.9	66.7		
18	3.9	70.4		
19	3.8	73.0		
20	3.8	75.8		
21	3.8	79.3		
22	3.7	81.2		
23	3.6	82.1		
24	3.5	83.7		
25	3.5	87.7		
26	3.4	88.4		

## Accessories

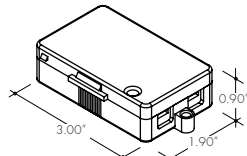
### CL-1

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



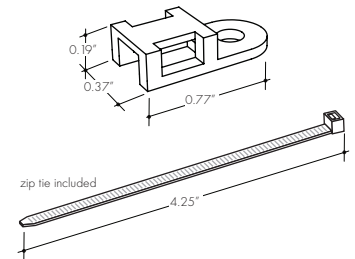
### LVSP-4T-BK

Splice box for low voltage, 4 terminal connections, black



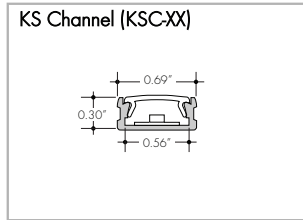
### LL.ZIP

Strain relief clip for wire management

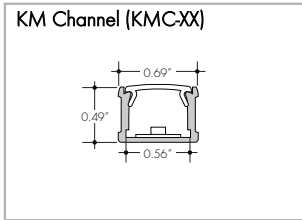


**Lens Options / Light Transmission**

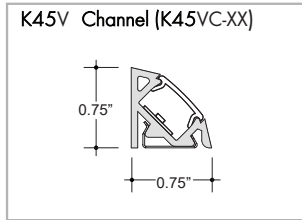
- C** Clear
- HF** Half (50%) Frosted
- G** Graze
- SI** Satin Ice
- S** Square Frosted
- Q** Rounded Square Frosted
- F** Frosted
- M** Medium beam frosted
- R** Raised
- C36** Clear 36° beam angle
- C10** Clear 10° beam angle



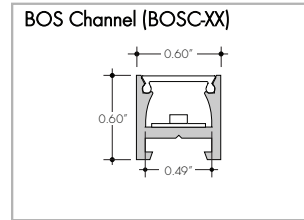
- C** 85%
- F** 55%
- HF** 72%
- C36** 83%
- R** 51%



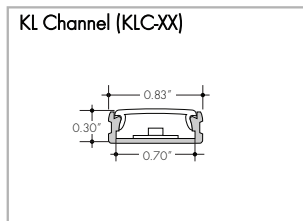
- C** 71%
- F** 42%
- HF** 58%
- C10** 67%
- R** 39%



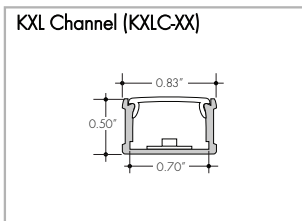
- C** 71%
- F** 42%
- HF** 58%
- C10** 67%



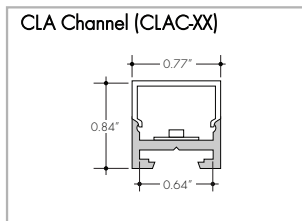
- F** 43%
- SI** 56%
- R** 46%
- G** 67%



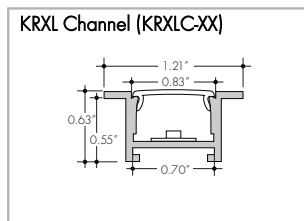
- C** 83%
- F** 55%
- HF** 68%



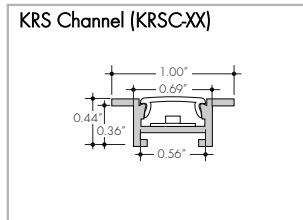
- C** 74%
- F** 46%
- HF** 61%



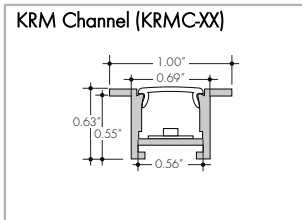
- S** 62%
- Q** 63%



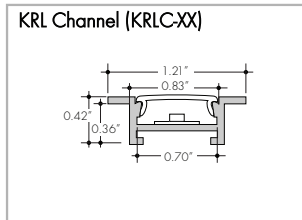
- C** 74%
- F** 46%
- HF** 61%



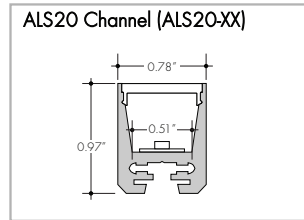
- C** 85%
- F** 55%
- HF** 72%



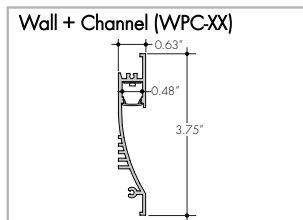
- C** 71%
- F** 42%
- HF** 58%



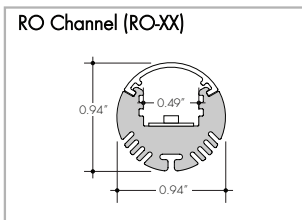
- C** 83%
- F** 55%
- HF** 68%



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



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



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

**LED Dotting Per Extrusion**

Using the Frosted Lens Option

**LL36-RGBW**

Extrusion	SO	HO
KSC, KRSC	CD	CD
KMC, KRMC, K45VC, K45RC	SD	SD
KXLC, KRXLC	ND	ND
KLC, KRLC	CD	CD
WPC	CD	CD
RO, ALS20	ND	ND
BOSC	CD	CD
CLAC	ND	ND
KILOC, KILOC	ND	ND



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

**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).

### Power Supply

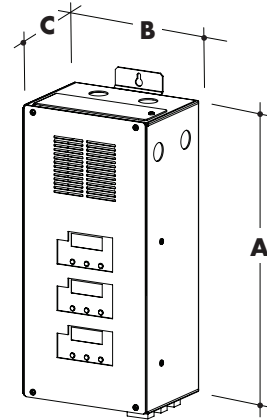
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

#### 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
<b>A Length</b>	14.40"	15.75"
<b>B Width</b>	5.20"	6.60"
<b>C Depth</b>	2.60"	4.80"

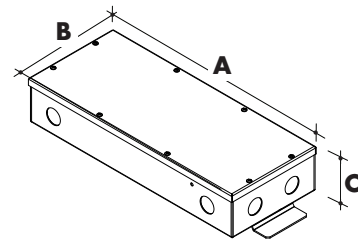


#### Non-Dimming Power Supply

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
<b>A Length</b>	14.40"	14.40"	14.40"
<b>B Width</b>	5.20"	5.20"	5.20"
<b>C Depth</b>	2.60"	2.60"	2.60"



### 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

**DDMX-RGBW**

DDMX-RGBW - DMX Decoder

## DMX-3Z-RGBW

RGBW LED 1 or 3 Zone Controller



### ORDERING CODE

MODEL	ZONES	COLOR
DMX - DMX Controller	1Z - One Zone 3Z - Three 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

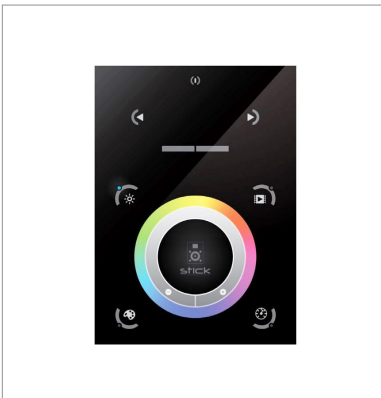
12 - 24V DC

### Color Parameters

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

## Touch DMX Controller

Touchscreen Digital LED Controller



### ORDERING CODE

<b>TSDMX-E</b>
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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 control endless DMX512 enabled devices.

Mounts to a single or dual gang wall box. The power supply included fits 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