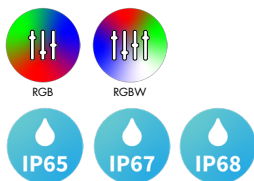




LLX18WET-T-RGBW

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



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

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

Approvals

IP65, IP67, IP68 rated

Beam Angle
120°

Operating voltage
24 VDC

Average life (L70)
50,000 hours

Warranty
3 years



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
Ordering Increment (in)	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	CRI	TM-30 R _f	TM-30 R _g	TM-30 R ₉
LLX18WET-T-RGBW	93	91	99	64

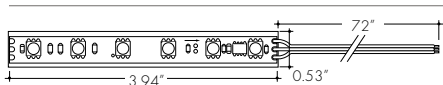
Dominant Wavelength

Color	RGB/RGBW
Red	621nm
Green	519nm
Blue	465nm

Section Start/End Options

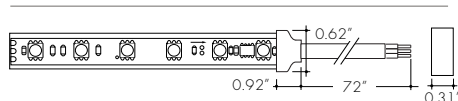
SL65

72" Soldered Leads, IP65 rated



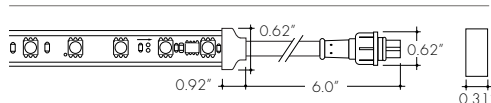
SL68

72" Soldered Leads, IP68 rated



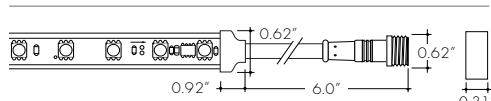
LF

Female Quick Connect End, IP67 rated



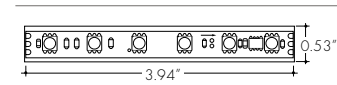
LM

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") LF - Female connector LM - Male connector NC - No connector	SL65 - IP65 Soldered lead wires (72") SL68 - IP68 Soldered lead wires (72") LF - Female connector LM - 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 brightness

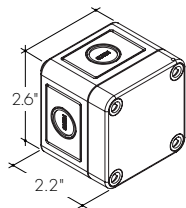
RGB					
Length of Strip (LF)	W/ft	Total wattage	Length of Strip (LF)	W/ft	Total wattage
1	4.60	4.60	21	3.55	74.55
2	4.55	9.10	22	3.45	75.90
3	4.50	13.50	23	3.40	78.20
4	4.45	17.80	24	3.35	80.40
5	4.40	22.00	25	3.30	82.50
6	4.35	26.10	26	3.25	84.50
7	4.30	30.10	27	3.15	85.05
8	4.25	34.00	28	3.10	86.80
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

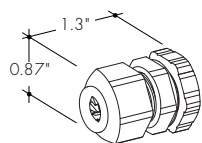
LVSP-WET

Splice box: wet rated, low voltage, gray



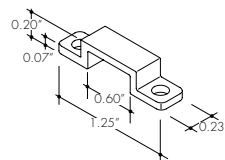
LVSP-WET-CM

Splice box connector, low voltage, gray



CL2

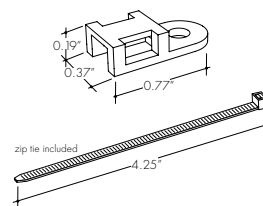
Mounting clip



Recommended at every 12" when LineLED strip is facing down.

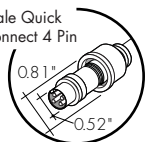
LL-ZIP

Cable/Wire Strain Relief Clip

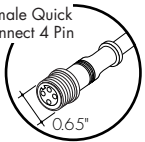


For use with RGB

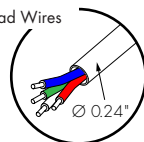
Male Quick Connect 4 Pin



Female Quick Connect 4 Pin

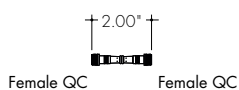


Lead Wires



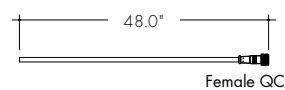
WET-MFA-4-2

Male to Female Adapter, 4 pin



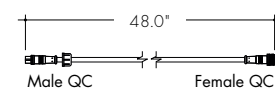
WET-CON-LEAD-F-4-48

Female Wet Connector Cable, 4 pin, 48"



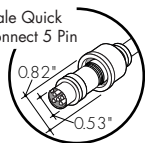
WET-CON-JC-M-F-4-48

Male/Female Wet Jumper Cable, 4 pin, 48"

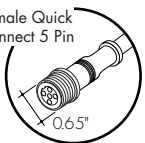


For use with RGBW

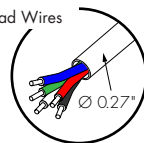
Male Quick Connect 5 Pin



Female Quick Connect 5 Pin

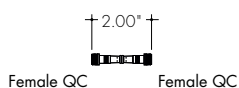


Lead Wires



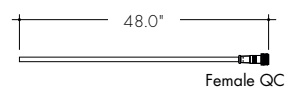
WET-MFA-5-2

Male to Female Adapter, 5 pin



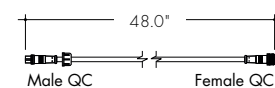
WET-CON-LEAD-F-5-48

Female Wet Connector Cable, 5 pin, 48"



WET-CON-JC-M-F-5-48

Male/Female Wet Jumper Cable, 5 pin, 48"



Lens Options / Light Transmission



Clear

Half (50%)
Frosted

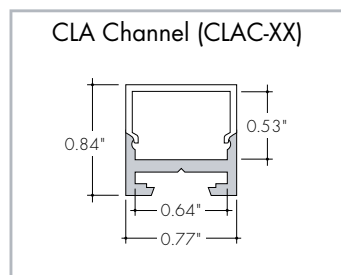
Graze



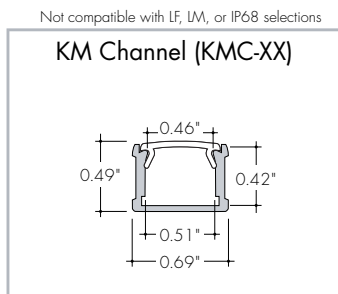
Frosted

Flat
Frosted

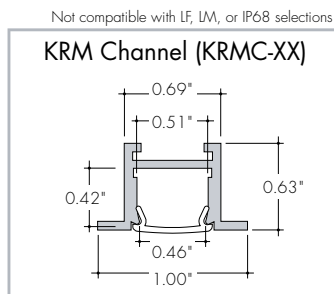
Raised

Square
FrostedRound Square
Frosted13°
Semi-Frosted

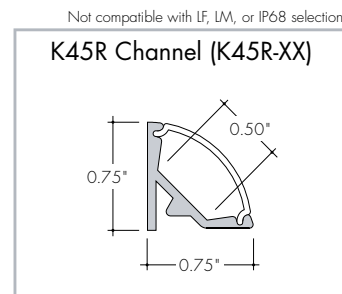
62% 65%



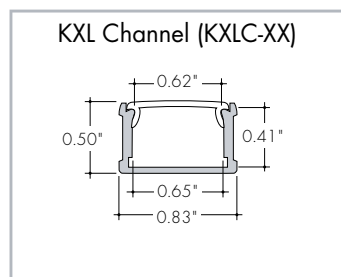
82% 68% 45% 52% 58%



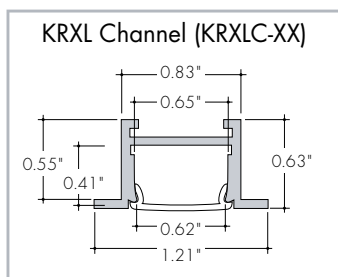
82% 68% 45% 52%



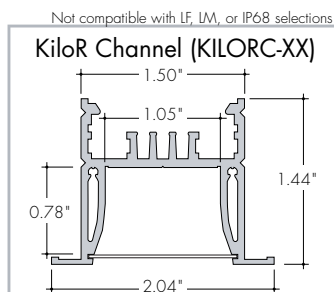
61%



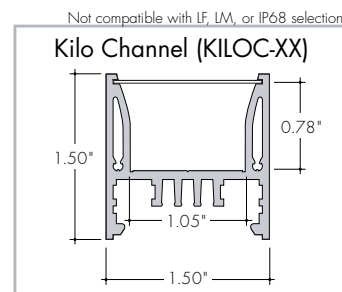
79% 66% 49%



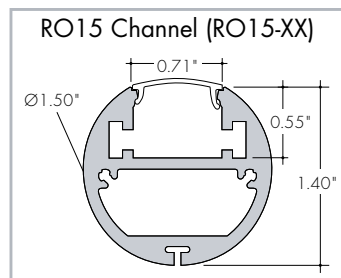
79% 66% 49%



85% 75%



85% 75%



65% 41%

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

Extrusion	LED Models	
	LLRGBX18	LLRGBWX18
CLA	ND	ND
KL	CD	CD
KRL	CD	CD
KXL	SD	SD
KRXL	SD	SD
RO15	SD	SD



CD SD ND

CD - Clear Dotting

SD - Slight Dotting

ND - No Dotting

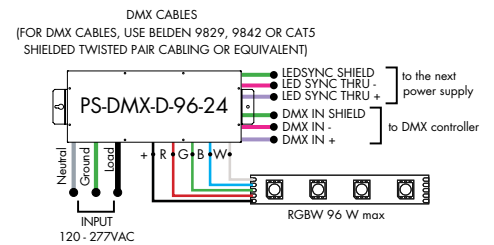
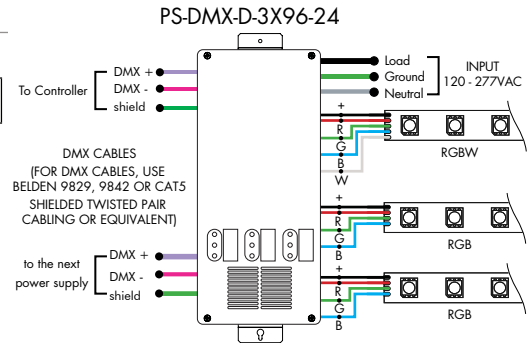
Power Supplies

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

Ordering Code DMX Dimming Power Supplies 0.1% 120VAC - 277VAC Requires Controller

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	DMX - DMX (0.1%)	D - Dry	96-96 Watts 3X96-3X96 Watts	24-24 VDC

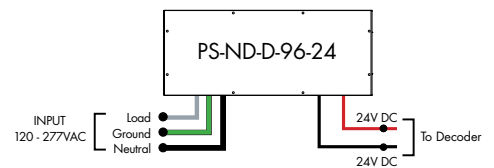
MODELS	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.56"



Ordering Code Non-Dimming Power Supply 120VAC - 277VAC Requires Controller and Decoder

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	ND - Non Dimming	D - Dry	96-96 Watts	24-24 VDC

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

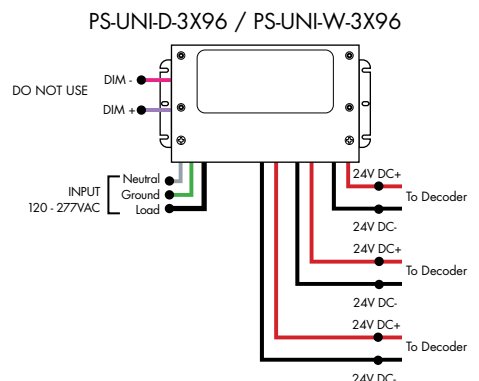
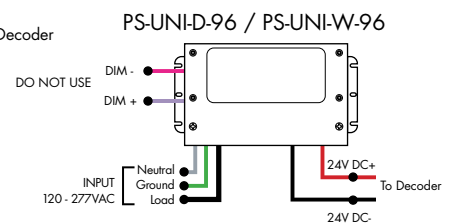


Ordering Code Universal Dimming Power Supplies 1% 120VAC - 277VAC Requires Controller and Decoder

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	UNI - 0-10V Dimming, Phase Dimming	D - Dry W - Wet	30-30 Watts 60-60 Watts 96-96 Watts 3X96-3X96 Watts	24-24 VDC

Compatibility: View a complete list of compatible dimmers on product page ([Link](#))

0-10V - 1% dimming
MLV/ELV/TRIAC - 1% dimming, consult dimming compatibility chart



MODELS	PS-UNI-W-30W	PS-UNI-W-60W	PS-UNI-W-96W	PS-UNI-W-3X96W
Length	6.50"	7.40"	8.66"	11.85"
Width	3.73"	3.73"	3.73"	4.32"
Depth	1.61"	1.61"	1.61"	1.81"

MODELS	PS-UNI-D-30W	PS-UNI-D-60W	PS-UNI-D-96W	PS-UNI-D-3X96W
Length	8.77"	8.77"	8.11"	9.94"
Width	4.27"	4.27"	5.60"	7.61"
Depth	1.83"	1.83"	1.83"	2.02"

Controllers and Decoders



MODEL

RGBW-RC-R

RGBW-RC-R - RGBW receiver

The RGBW receiver is easily paired with controller by the click of a button. Receiver can be reset to factory settings at any time.

Each receiver can store one static RGB color, one color sequence, and one brightness setting for the white LED strip. Receivers assigned to the same scene within the same zone will have the same LED static color and color sequence.

Operating Voltage
12-36 VDC

Power Capacity
up to 96W at 24V

Operating Temperature Range
from -4°F to +122°F in case



MODEL

RGBW-SR

RGBW-SR - RGBW signal repeater

Extends identical signal when connected in series to an RGBW LED control system. The RGBW signal repeater works with Luminii RGB and RGBW controllers, receivers, and decoders.

RGBW signal can be extended indefinitely when adequate power supply (not included) is connected to the system.

Operating Voltage
12-36 VDC

Power Capacity
up to 96W at 24V

Operating Temperature Range
from -4°F to +122°F in case



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.

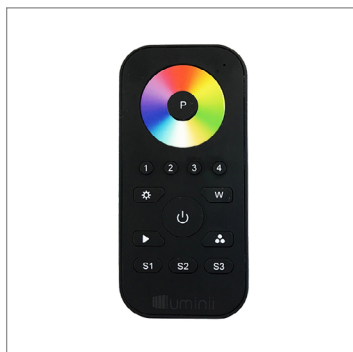
Use power repeater to expand output.

Operating Voltage
12-36 VDC

Power Capacity
up to 96W at 24V

Operating Temperature Range
from -4°F to +122°F in case

Controllers and Decoders



MODEL

RGBW-MC3

RGBW-MC3 - 4-zone RGBW controller

Easy to operate wireless interface suitable for static or color changing scenes. Control 4 different color zones separately or at the same time. RGBW receiver (RGBW-RC-R) required for operation. Assign multiple receivers per zone to cover a large area.

Color wheel enables highly stable and sensitive color control functionality. Create your own color changing sequences with ease and flexibility.

Power

qty 3 AAA batteries

Scenes

up to 4 unique zones

Signal

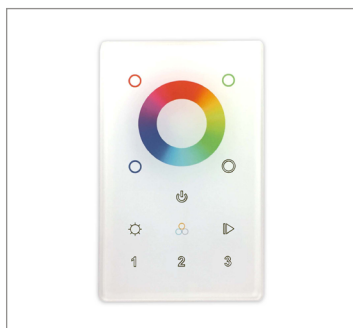
Wireless (RF)

Energy Saving

Deactivates after 10 seconds of inactivity

Color Parameters

- Brightness
- Saturation
- Primary colors
- Speed of color changing sequence
- Fading



MODEL

ZONES

COLOR

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

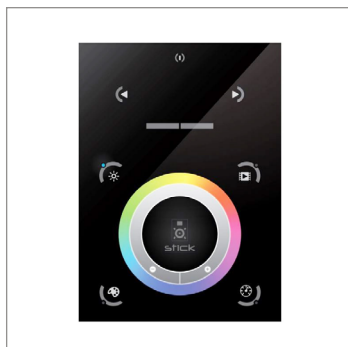
- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- 65,000 Color Options, Dimming and Speed Control
- Memory Function
- 50 Foot Wireless Range
- Easily Fits Standard US Switch Boxes
- Touch Sensitive Glass Surface
- Includes 10 Built in Programs, or Create and Play Your Own

Operating Voltage

12 - 24V DC

Color Parameters

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



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

Controllers and Decoders



MODEL

DDMX-5CH-RDM-PRO

DDMX-5CH-RDM-PRO-DMX512 Decoder

DMX512 decoder with RDM functionality features 5 PWM output channels with common anode. High PWM output frequency range allows the product to be used in HD video conferencing spaces. All DMX products to be installed per DMX512 Standard.

Power
96 Watt

Inputs
RJ45, XLR-5Pin, Terminal Block

DMX Channels
1 to 5 settable

PWM Output Resolution Ratio
8 or 16 bit

PWM Output Frequency
500Hz - 30KHz

Output Dimming Curve Gamma Value
0.1 ~ 9.9



MODEL

RGBW-WI-R

RGBW-WI-R - WIFI generator

RGBW-WI-R creates a local network that enables any electronic device (phone, tablet, etc.) to control the RGB/W strip connected to a RGBW-RC-R receiver.

The control functions are achieved through a free application download for Android and iOS devices called REALCOLOR.

Operating Voltage
12-36 VDC

Power Supply
PI-130-24 (included)

Operating Temperature Range
from -4°F to +122°F in case