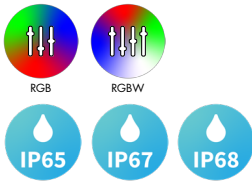




LLX18WET-T-RGBW

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)
<b>OUTPUT OPTIONS</b>	<b>SO</b>	<b>SO</b>
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

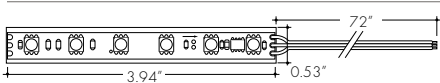
Tape	RGBW (3000K)			
	CRI	R <sub>f</sub>	R <sub>g</sub>	R <sub>b</sub>
LLX18WET-T-RGBW	93	91	99	64

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

**Section Start/End Options**

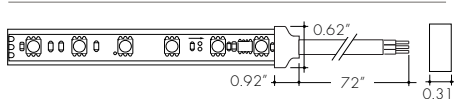
**SL65**

72" Soldered Leads, IP65 rated



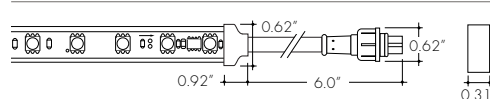
**SL68**

72" Soldered Leads, IP68 rated



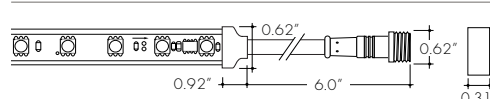
**LF**

Female Quick Connect End, IP67 rated



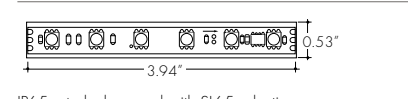
**LM**

Male Quick Connect End, IP67 rated

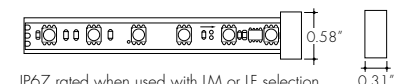


**NC**

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

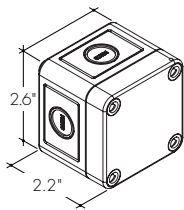
RGB					
Length of Strip (LF)	W/ft	Total wattage	Length of Strip (LF)	W/ft	Total wattage
1	4.60	4.60	21	3.55	74.55
2	4.55	9.10	22	3.45	75.90
3	4.50	13.50	23	3.40	78.20
4	4.45	17.80	24	3.35	80.40
5	4.40	22.00	25	3.30	82.50
6	4.35	26.10	26	3.25	84.50
7	4.30	30.10	27	3.15	85.05
8	4.25	34.00	28	3.10	86.80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

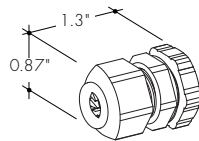
#### LVSP-WET

Splice box: wet rated, low voltage, gray



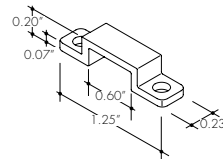
#### LVSP-WET-CM

Splice box connector, low voltage, gray



#### CL2

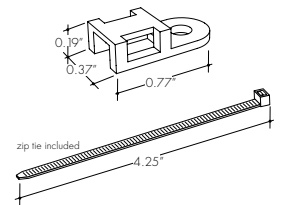
Mounting clip



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

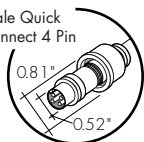
#### LL-ZIP

Cable/Wire Strain Relief Clip

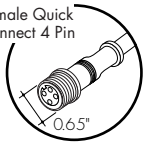


#### For use with RGB

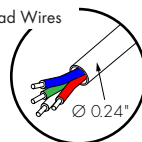
Male Quick Connect 4 Pin



Female Quick Connect 4 Pin



Lead Wires



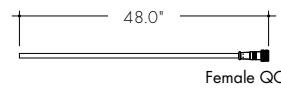
#### WET-MFA-4-2

Male to Female Adapter, 4 pin



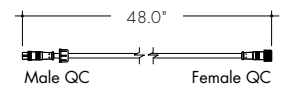
#### WET-CON-LEAD-F-4-48

Female Wet Connector Cable, 4 pin, 48"



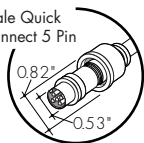
#### WET-CON-JC-M-F-4-48

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

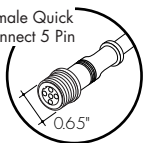


#### For use with RGBW

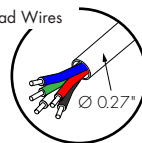
Male Quick Connect 5 Pin



Female Quick Connect 5 Pin



Lead Wires



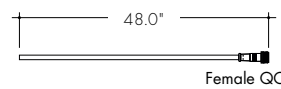
#### WET-MFA-5-2

Male to Female Adapter, 5 pin



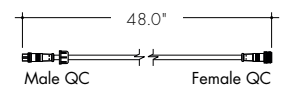
#### WET-CON-LEAD-F-5-48

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



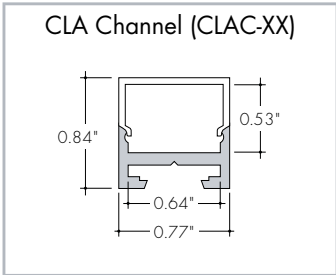
Square  
Frosted



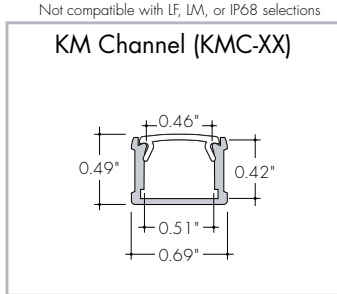
Round Square  
Frosted



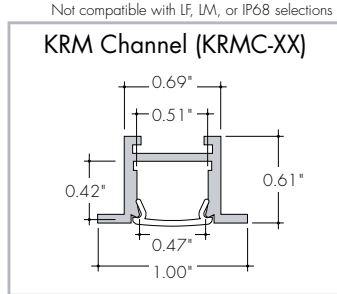
13°  
Semi-Frosted



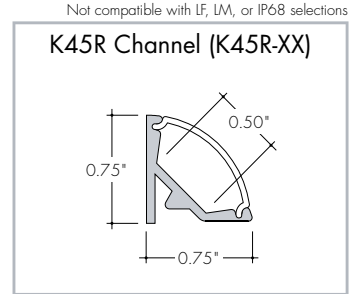
**S** **Q**  
62% 65%



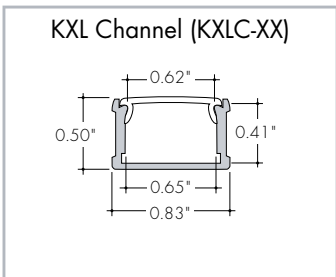
**C** **HF** **F** **FF** **R**  
82% 68% 45% 52% 58%



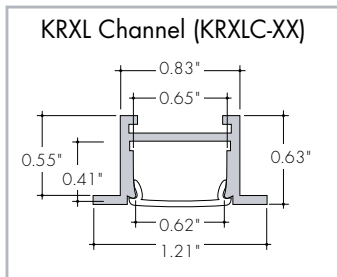
**C** **HF** **F** **FF**  
82% 68% 45% 52%



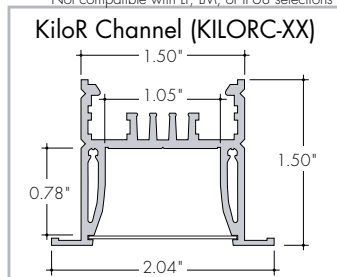
**RF**  
61%



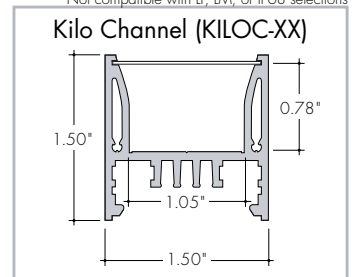
**C** **HF** **F**  
79% 66% 49%



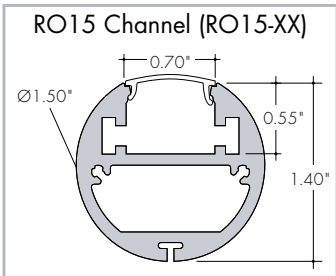
**C** **HF** **F**  
79% 66% 49%



**C** **F**  
85% 75%



**C** **F**  
85% 75%



**C** **F**  
65% 41%

**Installation**

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

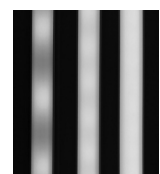
**Ordering**

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

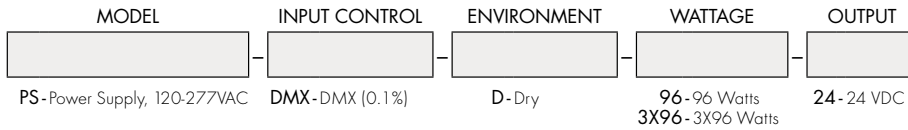


**CD** **SD** **ND**  
**CD** - Clear Dotting  
**SD** - Slight Dotting  
**ND** - No Dotting

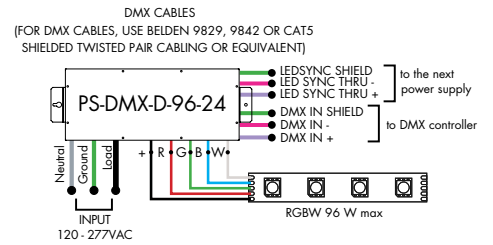
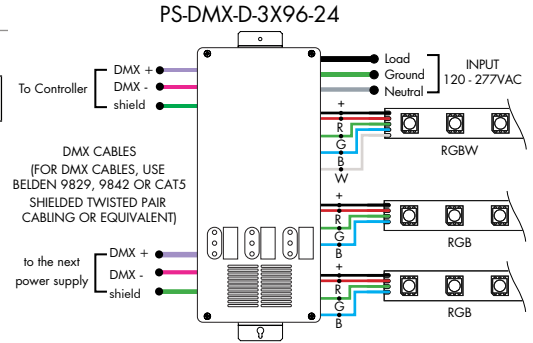
## Power Supplies

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

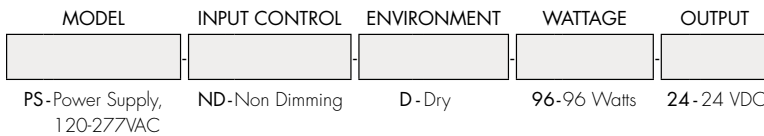
### Ordering Code DMX Dimming Power Supplies 0.1% 120VAC - 277VAC Requires Controller



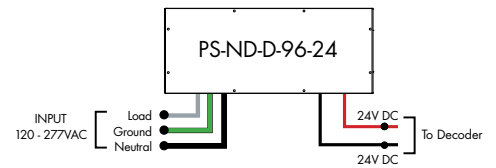
MODELS	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.56"



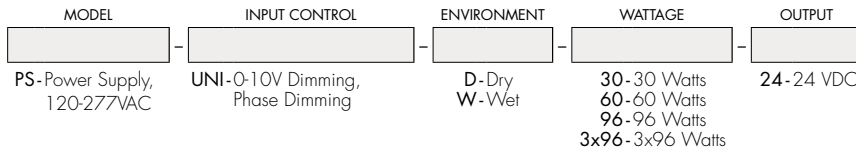
### Ordering Code Non-Dimming Power Supply 120VAC - 277VAC Requires Controller and Decoder



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

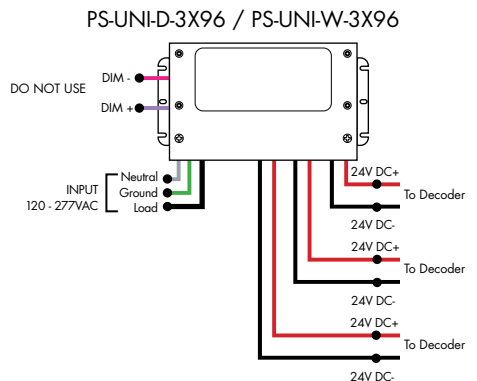
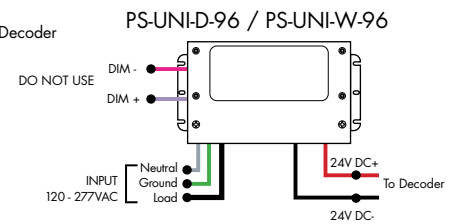


### Ordering Code Universal Dimming Power Supplies 1% 120VAC - 277VAC Requires Controller and Decoder



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**



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

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

**Power Capacity**  
up to 96W at 24V

MODEL

**RGBW-RC-R**

RGBW-RC-R - RGBW receiver



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

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

**Power Capacity**  
up to 96W at 24V

MODEL

**RGBW-SR**

RGBW-SR - RGBW signal repeater



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

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

**Power Capacity**  
up to 96W at 24V

MODEL

**DDMX-RGBW**

DDMX-RGBW - DMX decoder

**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**

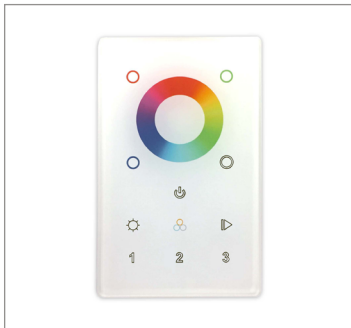
Wireless (RF)

**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**

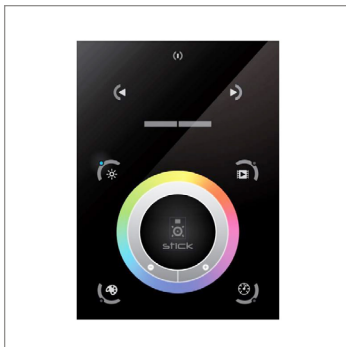
- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- 65,000 Color Options, Dimming and Speed Control
- Memory Function
- 50 Foot Wireless Range
- Easily Fits Standard US Switch Boxes
- Touch Sensitive Glass Surface
- Includes 10 Built in Programs, or Create and Play Your Own

**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**



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

**DDMX-5CH-RDM-PRO**

DDMX-5CH-RDM-PRO-DMX512 Decoder



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

MODEL

**RGBW-WI-R**

RGBW-WI-R - WIFI generator