

Plexineon Rings

Surface Mount

RGB, RGBW and RGBW Pixel



ilight
by luminii

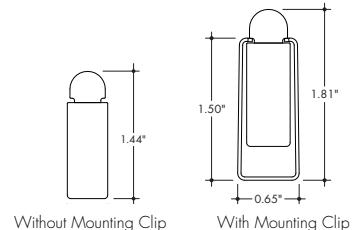


Horizontal Ring
RGBW-Pixel



Vertical Ring
RGBW

- Easy to install, for interior and exterior accent lighting
- Neon look providing a crisp, clear line of light visible for miles
- Mounting Clips are included in the appropriate quantities
- Operating Temperature: -40° F to 140° F (-40° C to 60° C)
- 24VDC Class 2
- IK10 and 3G rated
- IP67 rated
- 5 year warranty indoor, 3 year warranty outdoor



Technical Information

| RING OUTER DIAMETER* (inch) | Plexineon RGB | Plexineon RGBW | Plexineon Pixel RGBW |
|--------------------------------|--------------------------|-------------------|-------------------------|
| EFFICACY | 17.5 lm/W | 17.1 lm/W | 14.7 lm/W |
| Ø36 (Ø3ft) | Lumen Output | 679 lm | 792 lm |
| | Power Consumption | 38.6 W | 46.2 W |
| Ø72 (Ø6ft) | Lumen Output | 1357 lm | 1583 lm |
| | Power Consumption | 77.2 W | 92.3 W |
| Ø144 (Ø12ft) | Lumen Output | 2714 lm | 3166 lm |
| | Power Consumption | 154.6 W | 184.7 W |
| Ø288 (Ø24ft) | Lumen Output | 5429 lm | 6333 lm |
| | Power Consumption | 309.1 W | 369.5 W |

All channels full on.

*Rings will be made of equal sections no longer than 96" arc length. Rings exceeding 96W will have allowances for additional power feeds.

| RGBW (3000K) | | | | |
|--------------|-------|----------------|----------------|----------------|
| Model | TM-30 | | | |
| | CRI | R _f | R _g | R _g |
| RGBW | 85 | 84 | 98 | 22 |
| RGBW-PXSPI | 85 | 84 | 98 | 22 |

| Dominant Wavelength | |
|---------------------|-------|
| Color | RGB |
| Red | 622nm |
| Green | 525nm |
| Blue | 468nm |

Ordering Code

| MODEL | RING DIAMETER ¹ | RING TYPE | CCT | OUTPUT | LENS | MOUNTING ³ | FINISH | POWERFEED POSITION/TYPE |
|--------------|--|---|---|--------------------------|---|--|--|-------------------------|
| PX-Plexineon | —Ring Outer diameter in inches, 6"-288" (24ft) | HR-Horizontal Ring VR-Vertical Ring ² | RGB-RGB RGBW-RGBW (3000K) RGBW-PXSPI-RGBW Pixel Control (3000K) | SO-Standard F-Frosted | SM-Surface Mount SML-Surface Mount, L-Tab Clips SMS-Surface Mount, S-Tab Clips SMD-Surface Mount Decorative Clips ⁴ | GG-Gloss Grey BK-Matte Black GY-Matte Grey WH-Matte White | B-4-Plug Quick Connect one end, Receptacle Quick Connect other end | |

1. Rings will be made of equal sections no longer than 96" arc length. Tolerance on size of diameter is +/- 1".

2. Vertical Rings are Convex Bends with the light directed outwards, min diameter 24".

3. 2 mounting clips included for every 12" of diameter, with a minimum of 3 clips.

4. Standard mounting clip come with stainless steel finish. Decorative Clips match the fixture finish.

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Finish Options

BK

Matte Black Finish



WH

Matte White Finish



GY

Matte Grey Finish



GG

Gloss Grey Finish



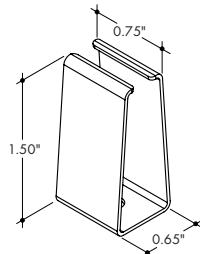
Mounting Clips

- Mounting Clips are included with Plexineon runs in the appropriate quantity, every 30" of linear/arc length for Standard Clips and every 18" of linear/arc length for Decorative Clips.
- Standard Clips have a stainless steel finish, Decorative Clip finishes match the fixture finishes.
- Standard Clip mounting hole is Ø 0.2", Decorative Clip mounting hole is Ø 0.16".

SM

75-CLP16-001-00

Surface Mount, Standard Clip

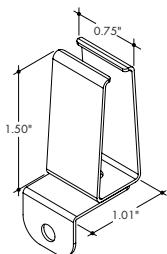


Used for mounting direct to surface. Stainless Steel Finish

SML

75-CLP15-001-00

Surface Mount, L-Tab Clip

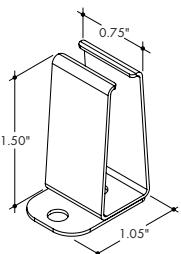


Used for mounting to adjacent surfaces. Stainless Steel Finish

SMS

75-CLP17-001-00

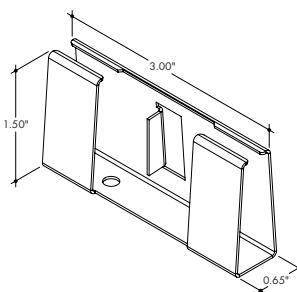
Surface Mount, S-Tab Clip



Used for to reduce install time and mounting direct to surfaces with fixture pre-assembled to clips. Stainless Steel Finish

75-CLP19-001-00

Surface Mount, Standard Joiner Clip

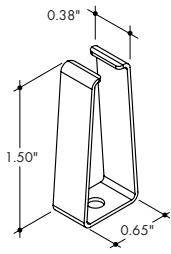


Used to join two fixtures together. Stainless Steel Finish

SMD

75-CLP36-001-0X

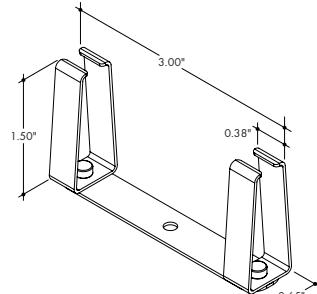
Surface Mount, Decorative Clip



Thinner clip with finish options to match fixtures

75-CLP37-001-0X

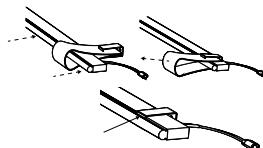
Surface Mount, Decorative Joiner Clip



Thinner clip used to join two fixtures together. Finish matches fixture finish

70-TOL02-001-01

Mounting Clip Installation Tool



| 0X | Clip Finish |
|-----------|--------------------|
| 00 | Stainless Steel |
| 01 | Matte Black |
| 02 | Matte Grey |
| 03 | Matte White |

Use for installation of Plexineon into Mounting Clips

Plexineon Rings

Surface Mount

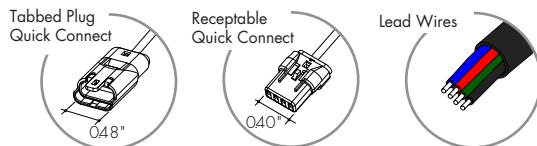
RGB, RGBW and RGBW Pixel



Powerfeed and Connectors

- Quick Connectors with 6" flying leads are included in the Plexineon runs per CCT option selected. Order extras as desired.
- Pixel data direction travels from Plug to Receptacle

For use with RGB



60-SJ-C4-0001-01

iLight TABBED PLUG Quick Connect with 6" flying leads, 4-conductor, Black

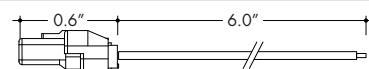


Also available with longer Flying Leads

60-SJ-C4-0003-01 120" flying leads

60-SJ-C4-0002-01

iLight RECEPTABLE Quick Connect with 6" flying leads, 4-conductor, Black

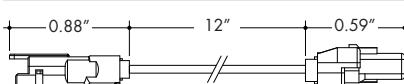


Also available with longer Flying Leads

60-SJ-C4-0004-01 120" flying leads

60-SJ-C4-JMP-12-01

iLight Plug-Receptacle Quick Connect 12" Jumper, 4-conductor, Black silicone jacket

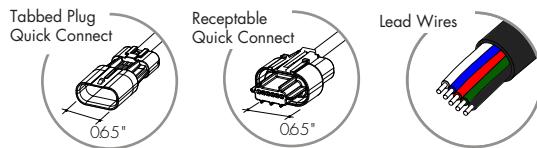


Also available with longer wires

60-SJ-C4-JMP-48-01 48" jumper

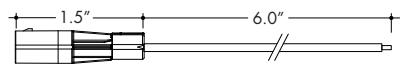
60-SJ-C4-JMP-120-01 120" jumper

For use with RGBW



60-SJ-C5-0001-01

iLight TABBED PLUG Quick Connect with 6" flying leads, 5-conductor, Black

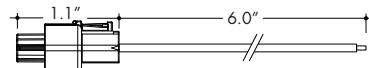


Also available with longer Flying Leads

60-SJ-C5-0003-01 120" flying leads

60-SJ-C5-0002-01

iLight RECEPTABLE Quick Connect with 6" flying leads, 5-conductor, Black

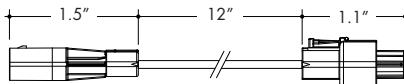


Also available with longer Flying Leads

60-SJ-C5-0004-01 120" flying leads

60-SJ-C5-JMP-12-01

iLight Plug-Receptacle Quick Connect 12" Jumper, 5-conductor, Black silicone jacket

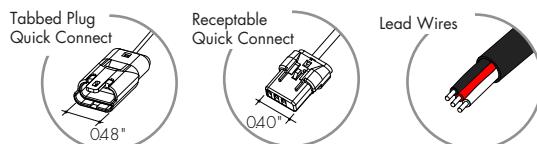


Also available with longer wires

60-SJ-C5-JMP-48-01 48" jumper

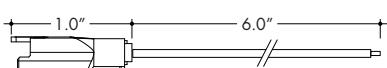
60-SJ-C5-JMP-120-01 120" jumper

For use with Pixel



60-SJ-C3-0001-01

iLight TABBED PLUG Quick Connect with 6" flying leads, 3-conductor, Black



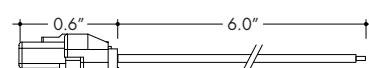
Also available with longer Flying Leads

60-SJ-C3-0005-01 384" flying leads

60-SJ-C3-0007-01 120" flying leads

60-SJ-C3-0002-01

iLight RECEPTABLE Quick Connect with 6" flying leads, 3-conductor, Black



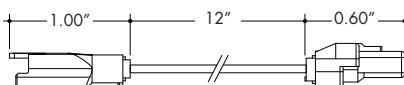
Also available with longer Flying Leads

60-SJ-C3-0006-01 384" flying leads

60-SJ-C3-0008-01 120" flying leads

60-SJ-C3-JMP-12-01

iLight Plug-Receptacle Quick Connect 12" Jumper, 3-conductor, Black silicone jacket



Also available with longer wires

60-SJ-C3-JMP-48-01 48" jumper

60-SJ-C3-JMP-120-01 120" jumper

Plexineon Rings

Surface Mount

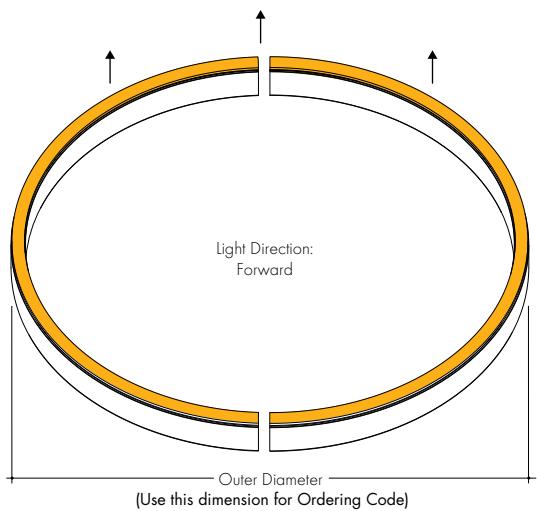
RGB, RGBW and RGBW Pixel



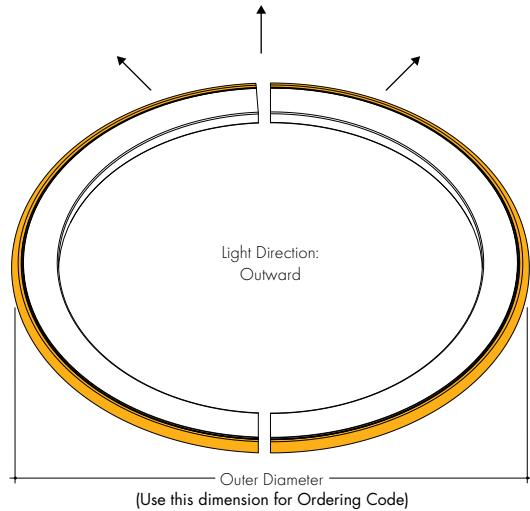
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Ring Types

HR
Horizontal Ring



VR
Vertical Ring



Plexineon Rings

Surface Mount

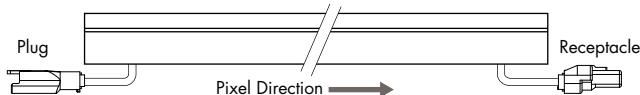
RGB, RGBW and RGBW Pixel



The logo for ilight by luminii. It features the word "ilight" in a large, lowercase, white, sans-serif font. A small, solid orange circle is positioned to the left of the letter "i". Below "ilight", the word "by luminii" is written in a smaller, lowercase, white, sans-serif font.

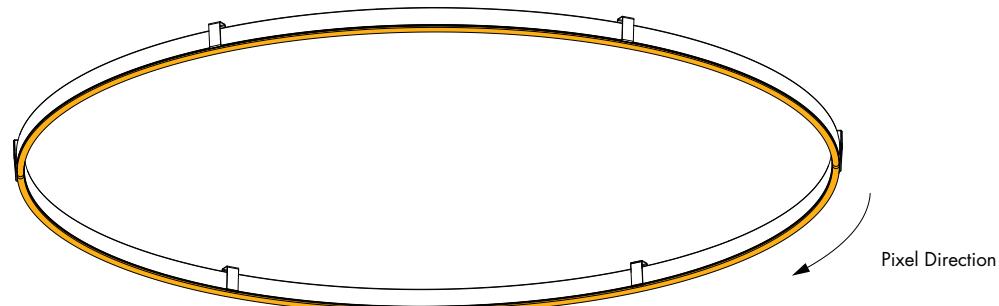
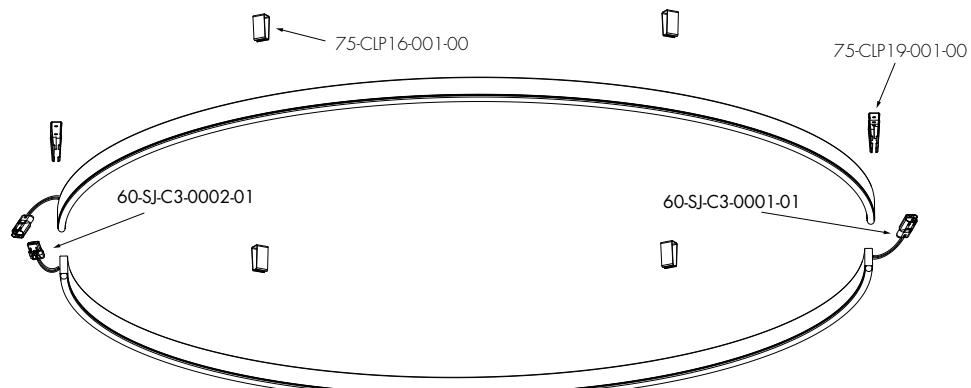
Sample Layout

- Note (Pixel Only): Pixel direction will be shown with a label on the side of the fixture. Pixel data direction travels from Plug to Receptacle



PX-48-HR-RGBW-PXSPI-SO-F-SM-GG-B-4

Plexineon Horizontal Ring, Standard Mounting Clips



Plexineon Rings

Surface Mount

RGB, RGBW and RGBW Pixel



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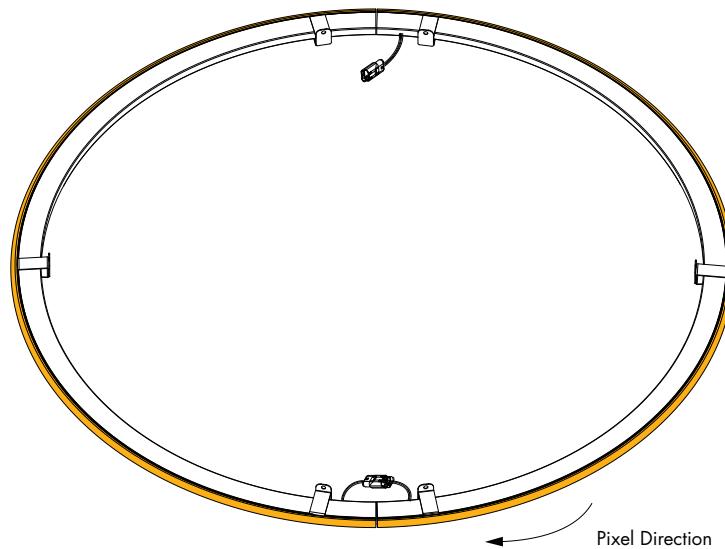
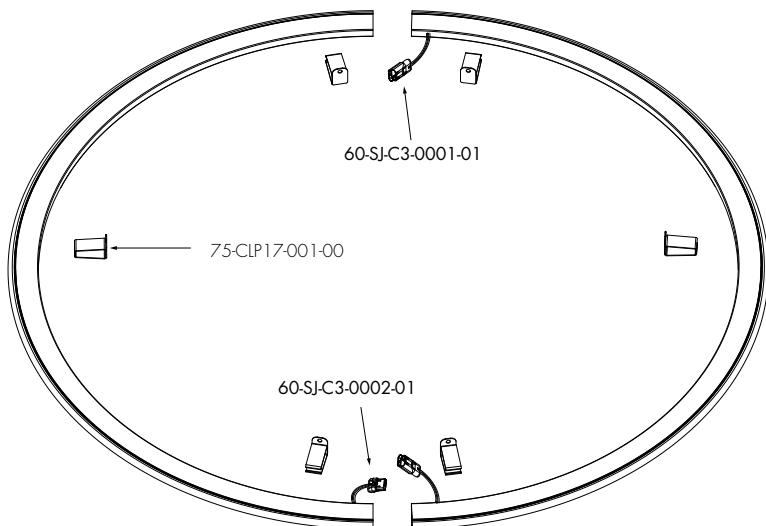
Sample Layout

- Note (Pixel Only): Pixel direction will be shown with a label on the side of the fixture. Pixel data direction travels from Plug to Receptacle



PX-32-VR-RGBW-PXSPI-SO-F-SM-GG-B-4

Plexineon Vertical Ring, Standard Mounting Clips



Plexineon Rings

Surface Mount

RGB, RGBW and RGBW Pixel



Power Consumption

Tested at Full Power with PS-UNI Series power supplies.

Standard Nominal lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

RGB

| Nominal Diameter (in) | Watts | Nominal Length (in) | Watts |
|-----------------------|-------|---------------------|-------|
| 12 | 12.8 | 217 | 236.8 |
| 24 | 26.2 | 222 | 242.4 |
| 36 | 39 | 227 | 246.4 |
| 48 | 52.4 | 232 | 252.8 |
| 60 | 64.4 | 237 | 257.6 |
| 72 | 78.6 | 242 | 257.6 |
| 84 | 90.9 | 244 | 266.4 |
| 96 | 104.8 | 250 | 272.7 |
| 156 | 170.4 | 256 | 277.2 |
| 159 | 173.4 | 261 | 284.4 |
| 163 | 177.6 | 267 | 289.8 |
| 167 | 181.8 | 273 | 289.8 |
| 171 | 184.8 | 272 | 296 |
| 174 | 189.6 | 278 | 303 |
| 178 | 193.2 | 284 | 308 |
| 182 | 193.2 | | |
| 181 | 198.8 | | |
| 186 | 202.3 | | |
| 190 | 207.2 | | |
| 195 | 212.1 | | |
| 199 | 215.6 | | |
| 203 | 221.2 | | |
| 208 | 225.4 | | |
| 212 | 225.4 | | |

RGBW

| Nominal Length (in) | Watts |
|---------------------|-------|
| 12 | 17.1 |
| 24 | 34.6 |
| 36 | 51.8 |
| 48 | 69.2 |
| 72 | 103.8 |
| 84 | 116.1 |
| 96 | 138.4 |
| 120 | 173 |
| 159 | 224.4 |
| 167 | 232.2 |
| 174 | 242.4 |
| 182 | 253.2 |
| 177 | 250.6 |
| 186 | 261.8 |
| 195 | 270.9 |
| 203 | 282.8 |
| 212 | 295.4 |
| 222 | 309.6 |
| 232 | 323.2 |
| 242 | 337.6 |
| 239 | 336.6 |
| 250 | 348.3 |
| 261 | 363.6 |
| 273 | 379.8 |
| 265 | 374 |
| 278 | 387 |

PIXEL

| Nominal Length (in) | Watts | Pixel Qty |
|---------------------|-------|------------|
| 12 | 17.5 | 9 |
| 24 | 36.2 | 19 |
| 36 | 53.8 | 28 |
| 48 | 72.4 | 38 |
| 72 | 108.6 | 57 |
| 84 | 125.1 | 66 |
| 96 | 144.8 | 76 |
| 120 | 181 | 95 |
| 159 | 240 | 126 |
| 167 | 250.2 | 132 |
| 174 | 261.6 | 138 |
| 182 | 271.2 | 144 |
| 177 | 266.7 | 140 |
| 186 | 280 | 147 |
| 195 | 291.9 | 154 |
| 203 | 305.2 | 161 |
| 212 | 316.4 | 168 |
| 222 | 333.6 | 176 |
| 232 | 348.8 | 184 |
| 242 | 361.6 | 192 |
| 239 | 360 | 189 |
| 250 | 375.3 | 198 |
| 261 | 392.4 | 207 |
| 273 | 406.8 | 216 |
| 265 | 400 | 210 |
| 278 | 417 | 220 |

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RGB, RGBW and RGBW Pixel



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Voltage Drop Calculator

The below chart assumes nominal voltage of 24 Volts and a Voltage Drop Allowance of 3% through the wire

| Wattage [W] | Maximum Wire Length From Power Supply to Start of Run [ft] | | | | | | |
|-------------|--|--------|--------|--------|--------|--------|--------|
| | 12 AWG | 14 AWG | 16 AWG | 18 AWG | 20 AWG | 22 AWG | 24 AWG |
| 5 | 1088.2 | 684.4 | 430.3 | 270.6 | 170.2 | 107.1 | 67.3 |
| 10 | 544.1 | 342.2 | 215.1 | 135.3 | 85.1 | 53.5 | 33.7 |
| 15 | 362.7 | 228.1 | 143.4 | 90.2 | 56.7 | 35.7 | 22.4 |
| 20 | 272.0 | 171.1 | 107.6 | 67.7 | 42.6 | 26.8 | 16.8 |
| 25 | 217.6 | 136.9 | 86.1 | 54.1 | 34.0 | 21.4 | 13.5 |
| 30 | 181.4 | 114.1 | 71.7 | 45.1 | 28.4 | 17.8 | 11.2 |
| 35 | 155.5 | 97.8 | 61.5 | 38.7 | 24.3 | 15.3 | 9.6 |
| 40 | 136.0 | 85.5 | 53.8 | 33.8 | 21.3 | 13.4 | 8.4 |
| 45 | 120.9 | 76.0 | 47.8 | 30.1 | 18.9 | 11.9 | 7.5 |
| 50 | 108.8 | 68.4 | 43.0 | 27.1 | 17.0 | 10.7 | 6.7 |
| 55 | 98.9 | 62.2 | 39.1 | 24.6 | 15.5 | 9.7 | 6.1 |
| 60 | 90.7 | 57.0 | 35.9 | 22.6 | 14.2 | 8.9 | 5.6 |
| 65 | 83.7 | 52.6 | 33.1 | 20.8 | 13.1 | 8.2 | 5.2 |
| 70 | 77.7 | 48.9 | 30.7 | 19.3 | 12.2 | 7.6 | 4.8 |
| 75 | 72.5 | 45.6 | 28.7 | 18.0 | 11.3 | 7.1 | 4.5 |
| 80 | 68.0 | 42.8 | 26.9 | 16.9 | 10.6 | 6.7 | 4.2 |
| 85 | 64.0 | 40.3 | 25.3 | 15.9 | 10.0 | 6.3 | 4.0 |
| 90 | 60.5 | 38.0 | 23.9 | 15.0 | 9.5 | 5.9 | 3.7 |
| 96 | 56.7 | 35.6 | 22.4 | 14.1 | 8.9 | 5.6 | 3.5 |

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Common Applications

Custom Indoor Designs | Coves | Signs | Building Facades | Lobbies | Hallways | Statement Pieces | Restaurants
Corporate Offices | Schools | Residential Towers | Parking Garages | Hotels | Bridges | Benches | Airports



Plexineon Rings

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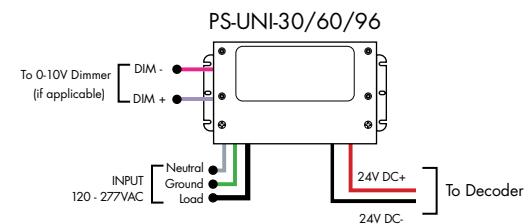
Power Supplies

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

For use with RGB/RGBW

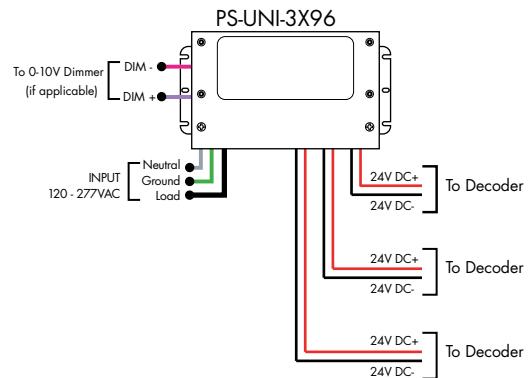
Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

| MODEL | INPUT CONTROL | WATTAGE | OUTPUT |
|-------------------------------|--|--|-------------|
| PS - Power Supply, 120-277VAC | UNI - 0-10V Dimming (0.1%), Phase Dimming (0.1%) | 30 - 30 Watts 60 - 60 Watts 96 - 96 Watts 3x96 - 3x96 Watts | 24 - 24 VDC |



| MODELS | PS-UNI-30W | PS-UNI-60W | PS-UNI-96W | PS-UNI-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" |

REQUIRES A CONTROLLER AND A DECODER TO WORK PROPERLY

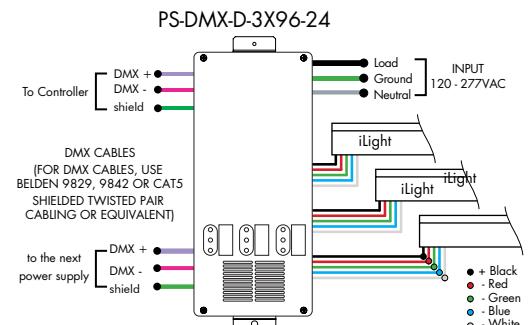
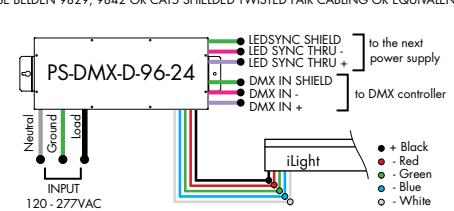


For use with RGB/RGBW

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

| 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 |

DMX CABLES
(FOR DMX CABLES, USE BELDEN 9829, 9842 OR CAT5 SHIELDED TWISTED PAIR CABLING OR EQUIVALENT)



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

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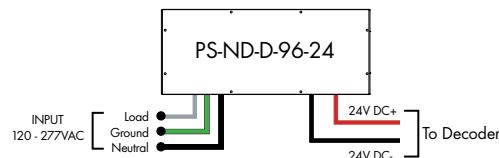
Power Supplies

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

For use with RGB/RGBW/Pixel

Ordering Code - Non-Dimming Power Supply 120VAC - 277VAC

| MODEL | INPUT CONTROL | ENVIRONMENT | WATTAGE | OUTPUT |
|-----------------|------------------|-------------|---------------|-------------|
| PS - PSV Series | ND - Non Dimming | D - Dry | 96 - 96 Watts | 24 - 24 VDC |



REQUIRES A CONTROLLER AND A DECODER TO WORK PROPERLY

Controllers and Decoders

For use with RGB/RGBW Power Supplies



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



ORDERING CODE

| 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

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Controllers and Decoders

For use with RGB/RGBW Power Supplies



ORDERING CODE

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

Operating Temperature Range

from -4°F to +122°F in case

Power Capacity

up to 96W at 24V



ORDERING CODE

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



ORDERING CODE

MODEL

ZONE

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

Plexineon Rings

Surface Mount

RGB, RGBW and RGBW Pixel



ilight
by luminii

Controllers and Decoders

For use with RGB/RGBW, Pixel Power Supplies



ORDERING CODE

MODEL

TSMDMX-E

TSMDMX-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

For use with RGB/RGBW Power Supplies



ORDERING CODE

MODEL

DALI2-DT8-RGBW

DALI2-DT8-RGBW - DALI-2 RGBW Decoder

A 4-channel DALI2 DT8 decoder designed to control RGB, RGBW, and TW LED fixtures, featuring adjustable color temperature and customizable lumen output.

Voltage/Frequency
12-36VDC

Ambient Operating Temperature Range
-20 to 50°C

Max Output Power
4 output channels, 60-180W each

Environment
Dry (IP20)

Max Output Current
4 output channels, max of 5A each



ORDERING CODE

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

PWM Output Resolution Ratio

8 or 16 bit

Inputs

RJ45, XLR-5Pin, Terminal Block

PWM Output Frequency

500Hz - 30KHz

DMX Channels

1 to 5 settable

Output Dimming Curve Gamma Value

0.1 ~ 9.9

Plexineon Rings

Surface Mount

RGB, RGBW and RGBW Pixel



Controllers and Decoders

For use with RGB/RGBW Power Supplies



ORDERING CODE

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

For use with Pixel Power Supplies



ORDERING CODE

MODEL

SR-DMX-SPI

SR-DMX-SPI - Smart Pixel Decoder

The SR-DMX-SPI is a smart LED pixel decoder that controls RGB/RGBW pixel LED strips with SPI signal. Designed with an OLED backlit panel, the pixel controller allows for easy configuration of most settings. Four push buttons are available for control of the LED functions.

*For pixel only.

Features

- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- SPI signal output for RGB/RGBW pixel light control
- DMX512 controllable and RF/WIFI remote controllable
- Capable of addressing up to 1020 RGB pixels & 765 RGBW pixels
- OLED panel allows for easy configuration

Operating Voltage

12 - 36V DC

Power capacity

up to 96W at 24V

Operating temperature range

from -4°F to +122°F in case