

Project Name: \_\_\_\_\_ Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

### INTENDED USE

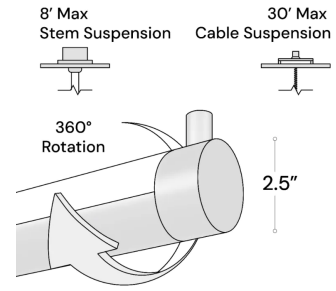
This architectural-grade LED tube pendant or wall-mounted light from the R2 series is adjustable at an angle of 45, 90, 135 or 180 degrees affording a 350-degree field adjustable rotation. The high-CRI, color-changing or regular white, LED light affords up to 11,600 lumens per 8-foot fixture. The R2 series comes in standard lengths of 2-foot, 3-foot, 4-foot and 8-foot lengths. This commercial-grade fixture is ideal for office, hospitality, studio, gallery, warehouse and even modern residential applications.

### FEATURES

- Construction:** Aluminum channel
- Lens:** Glare-free snap-in acrylic for even distribution
- Light Direction:** Field-adjustable with included tool
- Voltage:** 50/60 Hz constant current 0-10V @ 120-277V, TRIAC & ELV @ 120V
- Dimming:** 0-10V, TRIAC (Forward-phase), ELV (Reverse-phase)
- Voltage:** 120-277V 50/60 Hz
- Operating Temperature:** -4°F (-20°C) ~ 122°F (50°C)
- Life:** 60,000 Hours L70
- Warranty:** 5 years (static colors) and 2 years (RGBW) Carefree for parts & components (Labor not included)
- Listings:** cULus, Assembled in USA, TAA compliant optional, BAA compliant optional



Pendant Mount Option Available

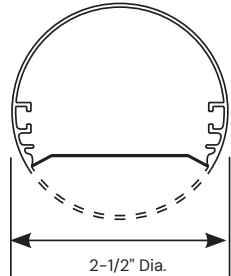
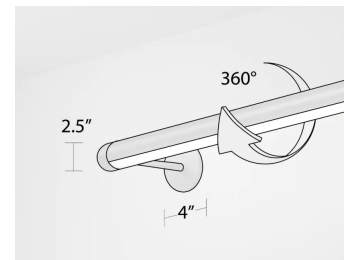


Indirect Illumination

Various lengths and continuous runs available

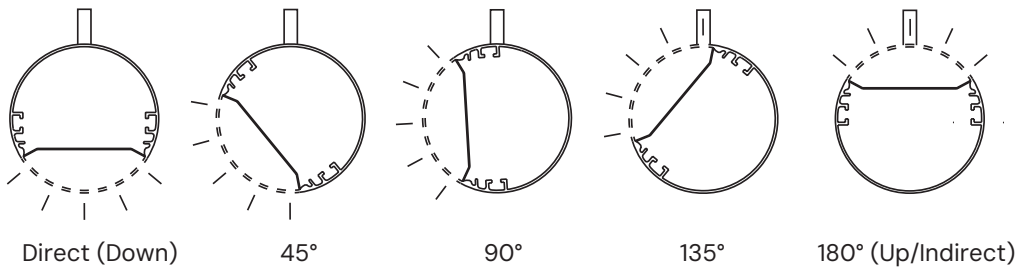


Wall Mount Option Available



Direct/Indirect Option Available

### Light Direction Options



## ORDERING INFORMATION Example:

MODEL		<b>12100-R2</b>		
MOUNTING		<b>P</b> Pendant <b>W</b> Wall		
LIGHT DIRECTION		<b>D</b> Direct <b>DI<sup>12</sup></b> Direct and Indirect	<b>I</b> 180° (Indirect) <b>45</b> 45°	<b>90</b> 90° <b>135</b> 135°
DOWNLIGHT LUMENS <i>Wattage &amp; Lumens per foot</i>		<b>STATIC WHITE</b> <b>D4</b> 4.5 Watts   598 lm <b>D6</b> 6.75 Watts   898 lm <b>D9</b> 9 Watts   1197 lm <b>D12</b> 12 Watts   1597 lm <b>D13</b> 13.5 Watts   1796 lm	<b>TUNABLE WHITE</b> <b>TW-4</b> 4.5 Watts   598 lm <b>TW-6</b> 6.75 Watts   898 lm <b>TW-9</b> 9 Watts   1197 lm <b>TW-12</b> 12 Watts   1597 lm <b>TW-13</b> 13.5 Watts   1796 lm <b>TW-DLO<sup>11</sup></b> 480 lm <b>TW-DHO<sup>11</sup></b> 768 lm	<b>RGBW</b> <b>RGBW-D9</b> 19.3 Watts   563 lm <b>RGBW-D18</b> 18.6 Watts   1126 lm
UPLIGHT LUMENS <i>Wattage &amp; Lumens per foot</i>		<b>Blank</b> Downlight Only <b>D4<sup>11</sup></b> 4.5 Watts   598 lms <b>D6<sup>11</sup></b> 6.75 Watts   898 lms		
SHAPE <small>(Specify in Feet)</small>		<b>S<sup>13</sup></b> Single Run <small>x = 2', 3', 4', or 8'</small> <b>CR<sup>13</sup></b> Continuous Run <small>x = Length</small> <b>RC<sup>13</sup></b> Rectangle <small>13 x = Width &amp; Length</small> <b>SQ<sup>13</sup></b> Square <small>13 x = Width &amp; Length</small>	<b>X<sup>13</sup></b> Cross <small>13 x = Leg 1 &amp; Leg 2</small> <b>T<sup>13</sup></b> Tee <small>13 x = Top leg &amp; Base Leg</small> <b>U<sup>13</sup></b> U <small>13 x = Base Leg &amp; Side Leg</small>	<b>90<sup>13</sup></b> 90° Angle <small>13 x = Leg 1 &amp; Leg 2</small> <b>CU</b> Custom <small>14</small>
COLOR TEMPERATURE		<b>STATIC WHITE</b> <b>27K<sup>9</sup></b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K <b>50K</b> 5000K	<b>TUNABLE WHITE</b> <b>TW2065<sup>4</sup></b> 2000-6500K (Wired) <b>TW2075<sup>4</sup></b> 2700-5000K (Wired) <b>TW2762<sup>5</sup></b> 2700-6200K (Wireless)	<b>RGBW</b> <b>RGBW30</b> RGB + W (3000K) <b>RGBW40</b> RGB + W (4000K)
DRIVER		<b>STATIC WHITE</b> <b>Blank</b> 0-10V (5-Wire) <small>Standard</small> <b>TRI</b> Triac (120V) <b>ELV</b> Electronic Low Voltage (120V)	<b>TUNABLE WHITE</b> <b>050</b> Tunable White 0-10V	<b>RGBW</b> <b>24V<sup>6</sup></b> 24V DC Power Supply <b>4DMX<sup>10</sup></b> 4-Channel DMX512 Decoder
FINISH		<b>WH</b> White (Matte, RAL # 9003) <small>Standard</small> <b>SL</b> Silver (Matte, RAL# 9022)	<b>BK</b> Black (Matte, RAL # 9011) <b>WH-M</b> White Anti-Microbial Coating	<b>RAL#</b> Specify RAL # (Pg. 3)
CORD FINISH		<b>Blank</b> Not Required	<b>WH</b> White <small>Standard</small>	<b>BK</b> Black
CANOPY FINISH		<b>Blank</b> Not Required	<b>WH</b> White (Matte, RAL#9003) <small>Standard</small>	<b>BK</b> Black (Matte, RAL # 9011)
PENDANT MOUNTING		<b>Blank</b> Not Required	<b>AC4</b> 4' Adjustable Aircraft Cable <b>AC8</b> 8' Adjustable Aircraft Cable <b>AC<sup>14</sup></b> Specify <i>x</i> ' in Feet (Max 30')	<b>ST2</b> 2' Stem <b>ST4</b> 4' Stem <b>ST<sup>14</sup></b> Specify <i>x</i> ' in Feet (Max 8')
PENDANT CEILING TYPE		<b>Blank</b> Not Required	<b>T9</b> 9/16" T-bar Grid <b>T15</b> 15/16" T-bar Grid	<b>H</b> Hard / Dry Wall <b>SH</b> Sloped Hard / Dry Wall
ARM LENGTH		<b>5</b> 5" Arm <small>Standard</small>	<b>12</b> 12" Arm	<b>ALX<sup>8</sup></b> Specify X in Inches (Max 24")
CRI		<b>8</b> 80+	<b>9<sup>6</sup></b> 90+	
CONTROLS		<b>STATIC WHITE</b> <b>Blank</b> Not Required	<b>TUNABLE WHITE</b> <b>TW-WWR-WH</b> Wireless Wall Remote (White) <b>TW-2N1-WH</b> Dual Wall Switch	<b>RGBW</b> <b>RGBW-APP</b> iOS/Android Bluetooth App <b>RGBW-RF-WH</b> RF Remote Control 4 Zone (White) <b>RGBW-RF-BK</b> RF Remote Control 4 Zone (Black) <b>RGBW-DMX</b> DMX Wall 100-240VAC (White) <b>RGBW-DMX5V</b> DMX Wall 5VDC (White)
OPTIONS		<b>EM10</b> 10W Emergency Battery <b>OS</b> Occupancy & Daylight Harvesting Sensor	<b>DS</b> Daylight Dimming Photo Sensor <b>AB</b> Separate Uplight & Downlight Dimming Control	<b>RGBW-RH-WH</b> Remote holder for RGBW-RF-WH (White) <b>RGBW-RH-BK</b> Remote holder for RGBW-RF-BK (Black)

1 Must specify Wall or Desktop Remote Wireless Control for Wireless Tunable White

2 Length Minimum 2 Foot

3 Draw your custom shape and send us your idea to rfq@alconlighting.com

4 Must be Paired with 050 Driver

5 Must specify for RGBW & Wireless Tunable White 24V Driver

6 Not available for RGBW

7 Only applicable for Wall Mount

8 MOQ is 50 units, Applies to all lengths but 5" and 12"

9 Not available with 80+ CRI

10 Must specify for RGBW-DMXAC or RGBW-DMX5V controls

11 Must be Paired with -DI Direct / Indirect light direction option

12 Only available for Static White color temperatures

13 Minimum Length of 2 Feet

14 Draw your custom shape and send us your idea to rfq@alconlighting.com

## FINISHES

### Standard

	Matte White	RAL #9003
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*Set up fee and longer lead time will be applied on non-standard finishes.*

### Metropolitan

	Black	RAL #9011
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	Silver	RAL #9022
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	Urban Native	RAL #8025
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	Military Green	RAL #6011
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	Carmin	RAL #8028
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	Chocolate Spice	RAL #8017
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	Asher Grey	RAL #7004
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	Tech Grey	RAL #7016
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	Slate	RAL #7031
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	Mason	RAL #7039
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### Vibrant

	Violet Dreams	RAL #4006
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	Sangria Sunset	RAL #2004
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	Deep Pink	RAL #4010
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	Ruby Red	RAL #3027
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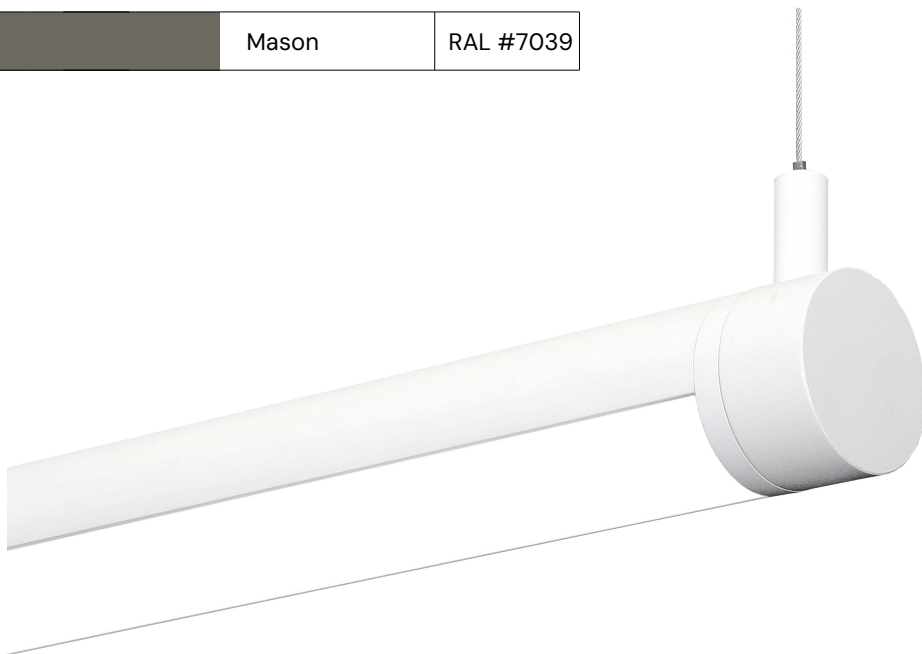
	Island Skye	RAL #6027
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	Sophia	RAL #5015
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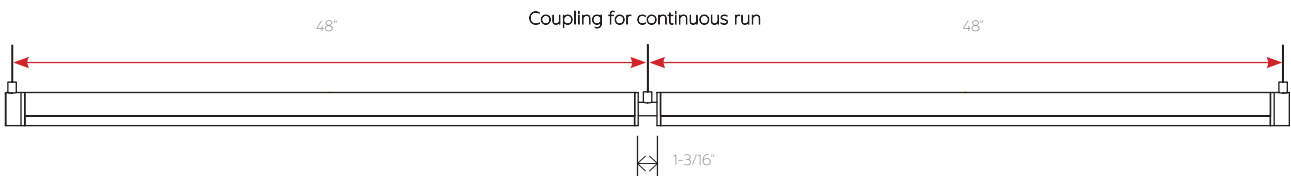
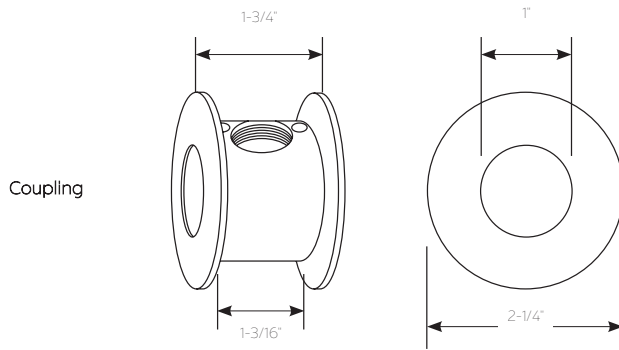
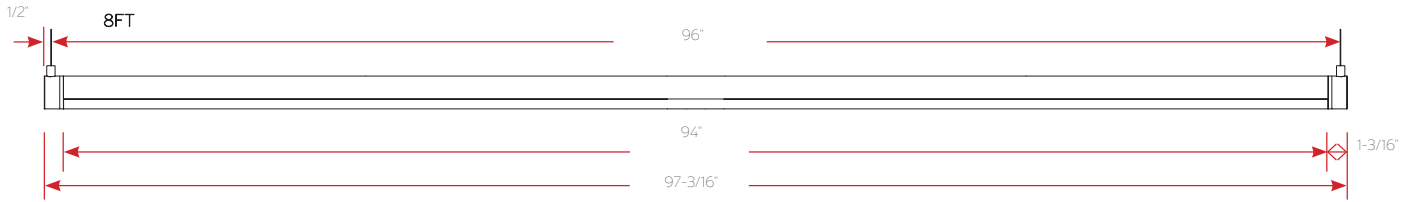
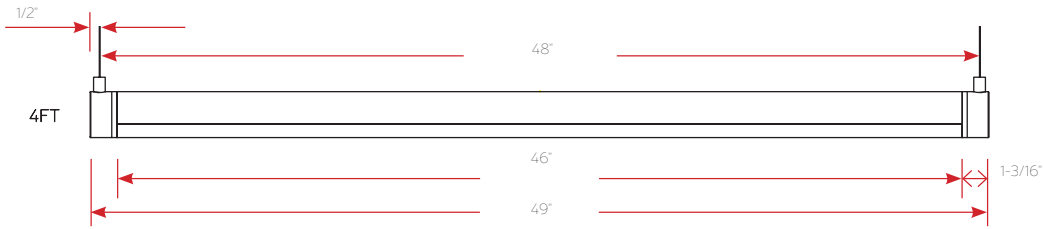
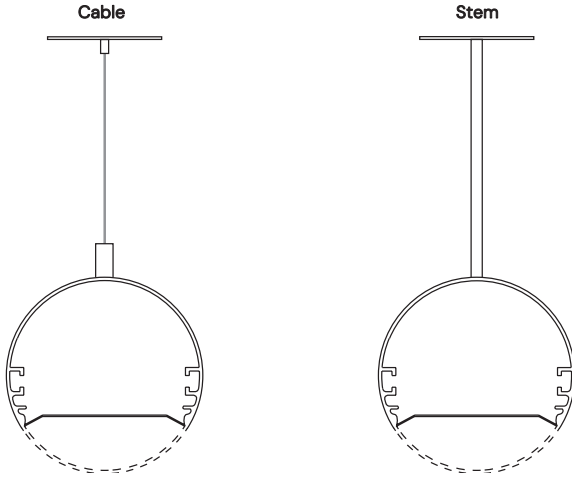
	Antique Spring	RAL #6019
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	Daisy	RAL #1018
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	Gun Metal	RAL #7024
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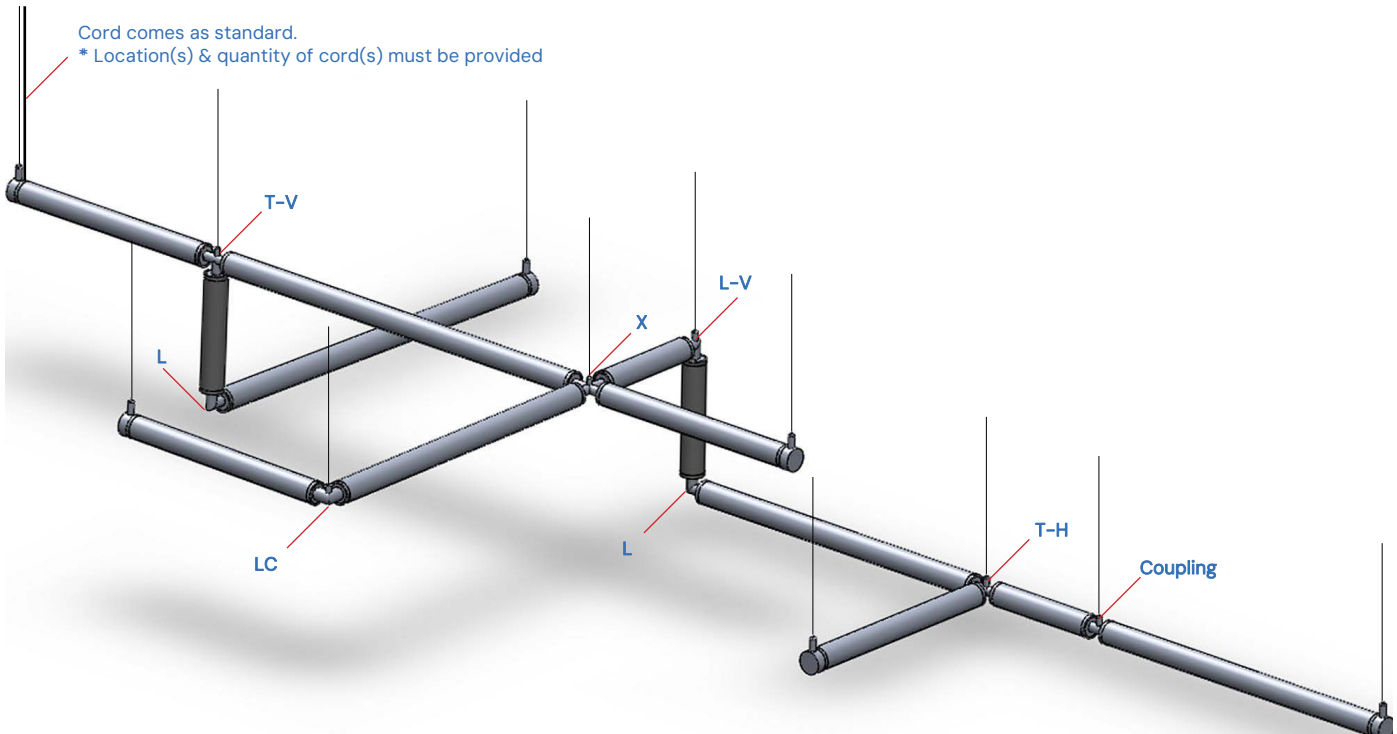
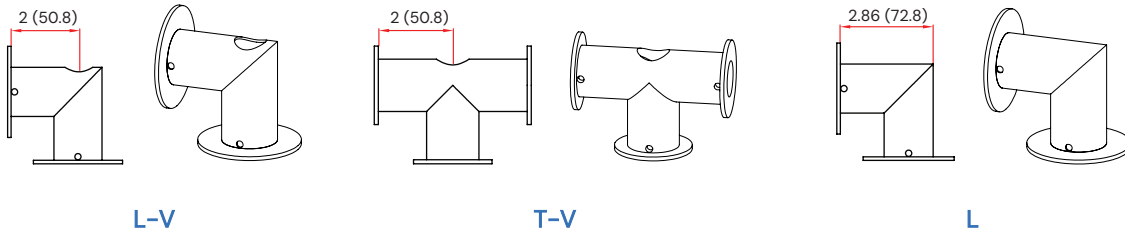
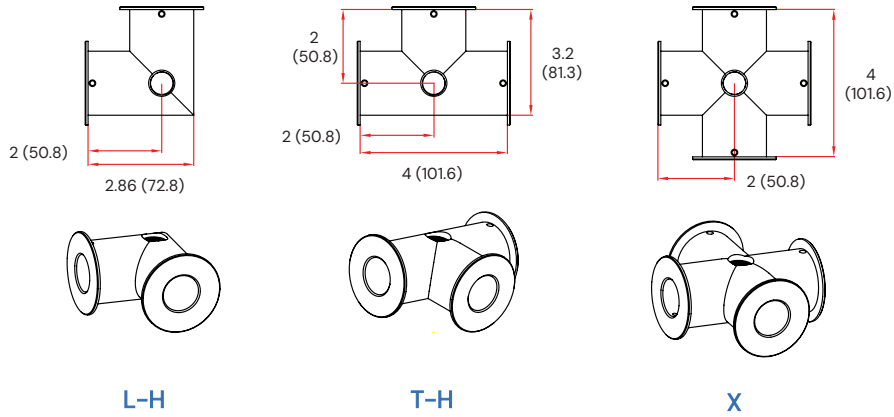


## DIMENSIONS

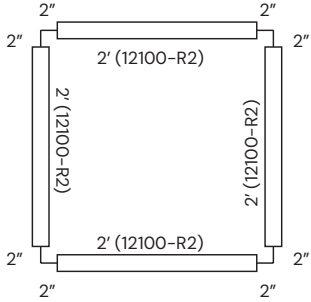




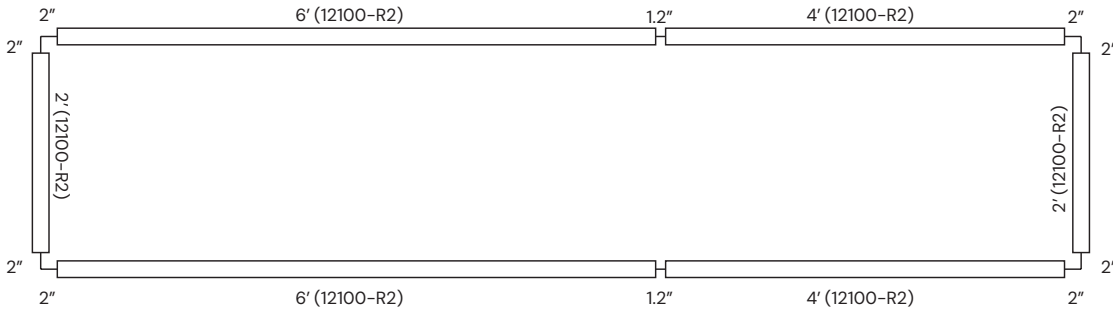
## 3D GEOMETRIC SHAPES DETAILS



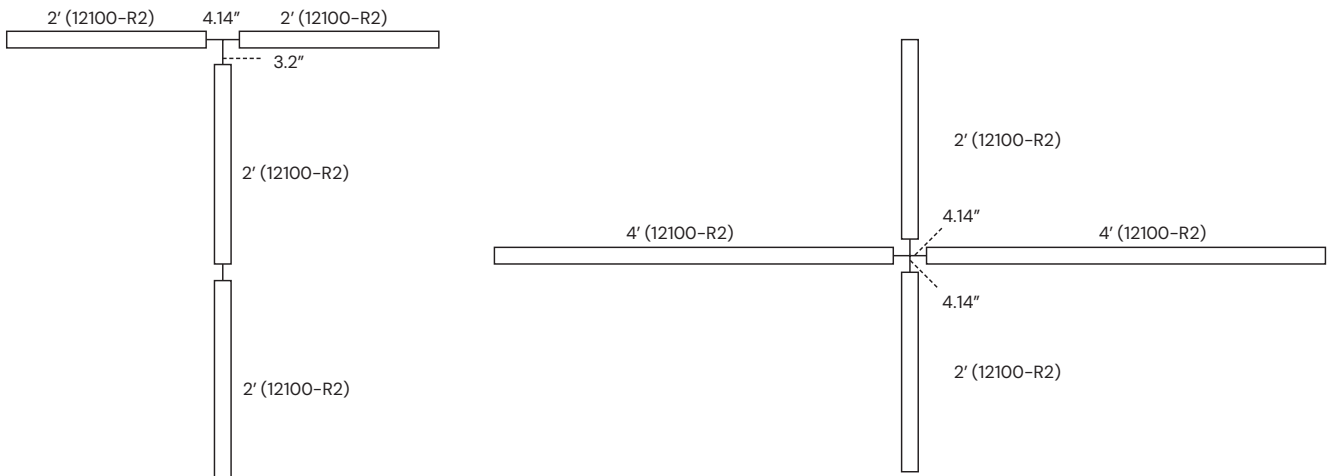
## CUSTOM SHAPES EXAMPLES



10'5.2"-2'4" (Minimum)



12100-R2-CM examples (Measurement from center point)



## COMPATIBLE DIMMERS



### Dynamic White

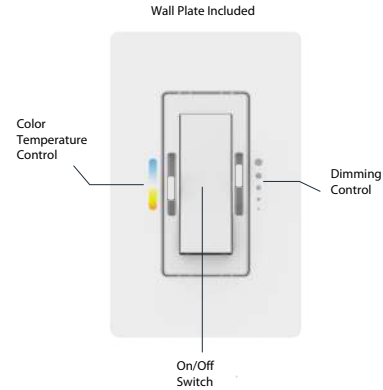
Triac	ELV	0-10V
TG-600P	DVELV-303P	NTSTV
LG-600P	SELV-300P	NFTV
TGCL-153P	MAELV-600	DVSTV
DV-600P	FAELV-500	
DVCL-153P		
S-603PG		
CT-103P		
S-600P		



6161	IPE04	IP710-DLZ
6633-P	VPE06-1LZ	
6683		
6631-2		
IPI06-1LZ		

### TUNABLE WHITE

#### TW-2N1-WH Dual Wall Switch



Input: 120VAC ~ 60Hz  
 Max Load: 600W  
 Control: 0-10V  
 Wired Tunable White: TW2750 & TW2065

## WIRELESS TUNABLE WHITE CONTROL

### -3065K (CONTROLS)



#### TW-WWR-WH (Wireless Wall Remote – White)

Dimensions	L 4.3" x W 2" x D 0.85"
Weight	0.1 lbs
Signal Type	RF (Radio Frequency) 2.4GHz
Zone	4 zone
Range	98ft from fixture
Working Temp.	-4°F to 131°F (-20°C to 55°C)
* Battery	2 x AAA battery

\*\* Not included.

## RGBW CONTROLS

### RGBW-APP | Bluetooth Smart Phone App



Smart Life



Tuya Smart

Bluetooth	
Software	IOS 8.0 and up, Android 4.4 and up
App	Smart Life or Tuya Smart supported
Features	Group, Scenes
Bluetooth Distance	> 49ft in open area
Additional Feature	Home Management / Third party control -> Alexa, Google Assistant (by others)

### Wireless RF Remote Control 4-Zone



RGBW-RF-WH



RGBW-RF-BK

#### RGBW-RF

Dimensions	W 2" x D 0.825" x H 4.725"
Weight	0.1lbs
Signal Type	RF (Radio Frequency) 2.4GHz
Range	98ft from fixture open ai
Zone / Mode	4 zones / 9 modes
Working Temp.	-4°F to 131°F (-20°C to 55°C)
* Battery	2 x AAA battery

\* Not inclu



RGBW-RH-WH



RGBW-RH-BK

### DMX Wall Touch Panel



#### RGBW-DMX

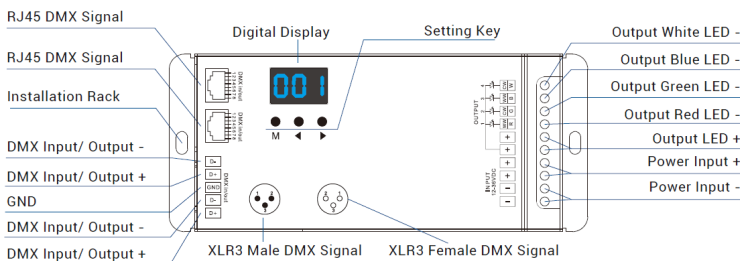
Zone	4 zone
Signal	DMX512 protocol
Input Voltage	100-240VAC
Dimensions	L 3.4" x H 3.4" x D 1.45"
Features	10 built-in mode, scene
Operating Temp.	-22°F ~ 131°F (-30°C ~ 55°C)



#### RGBW-DMX5V

Zone	4 zone
Signal	DMX512 protocol
Input Voltage	5VDC
Dimensions	L 7" x H 1.3" x D 1.9"
Features	12 built-in mode, scene
Operating Temp.	-22°F ~ 131°F (-30°C ~ 55°C)

### RGBW-DMX | 4-Channel DMX512 Decoder



Dimensions	L 6.5" x W 2.7" x D 1.5"
Output Current	8A / 4 channels
Input Voltage	12-36V DC
Output Power	768W (24V)
Frequency	PWM output

## PHOTOMETRY (for static color temperatures)

### Direct

12100-R2-D27-S-4

Illuminance at a Distance

Center Beam FC      Beam Width

1.7FT	555 FC	3.9 FT	3.1 FT
3.3FT	147 FC	7.6 FT	6.1 FT
5.0FT	64.1 FC	11.6 FT	9.2 FT
6.7FT	35.7 FC	15.5 FT	12.3 FT
8.3FT	23.3 FC	19.2 FT	15.2 FT
10.0FT	16.0 FC	23.2 FT	18.4 FT

- Vert. Spread: 98.4°
- Horiz. Spread: 85.1°

12100-R2-D27-S-8

Illuminance at a Distance

Center Beam FC      Beam Width

1.7FT	1,117 FC	3.9 FT	3.1 FT
3.3FT	296 FC	7.6 FT	6.1 FT
5.0FT	129 FC	11.6 FT	9.2 FT
6.7FT	71.9 FC	15.5 FT	12.3 FT
8.3FT	46.8 FC	19.2 FT	15.2 FT
10.0FT	32.3 FC	23.2 FT	18.4 FT

- Vert. Spread: 98.4°
- Horiz. Spread: 85.1°

12100-R2-D54-S-4

Illuminance at a Distance

Center Beam FC      Beam Width

1.7FT	993 FC	3.9 FT	3.1 FT
3.3FT	263 FC	7.6 FT	6.1 FT
5.0FT	115 FC	11.6 FT	9.2 FT
6.7FT	63.9 FC	15.5 FT	12.3 FT
8.3FT	41.6 FC	19.2 FT	15.2 FT
10.0FT	28.7 FC	23.2 FT	18.4 FT

- Vert. Spread: 98.4°
- Horiz. Spread: 85.1°

12100-R2-D54-S-8

Illuminance at a Distance

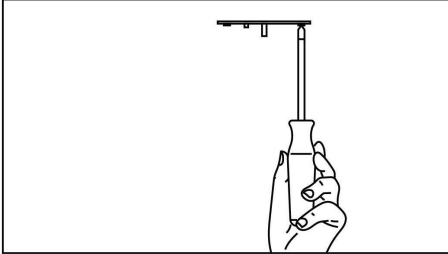
Center Beam FC      Beam Width

1.7FT	1,986 FC	3.9 FT	3.1 FT
3.3FT	527 FC	7.6 FT	6.1 FT
5.0FT	230 FC	11.6 FT	9.2 FT
6.7FT	128 FC	15.5 FT	12.3 FT
8.3FT	83.3 FC	19.2 FT	15.2 FT
10.0FT	54.7 FC	23.2 FT	18.4 FT

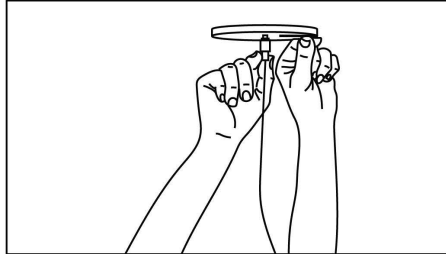
- Vert. Spread: 98.4°
- Horiz. Spread: 85.1°

## PENDANT INSTALLATION

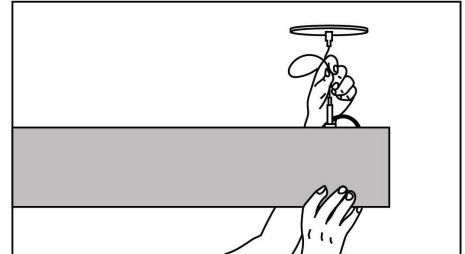
A simple design and adjustable components provide a flexible and hassle-free experience when installing the Continuum Series.



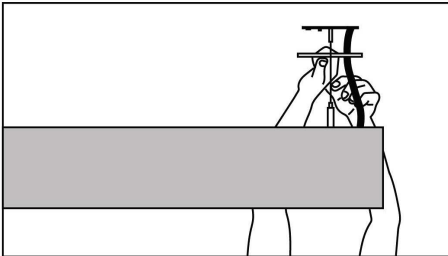
Step 1 Secure cross brackets to junction boxes for both power and non power mounting points.



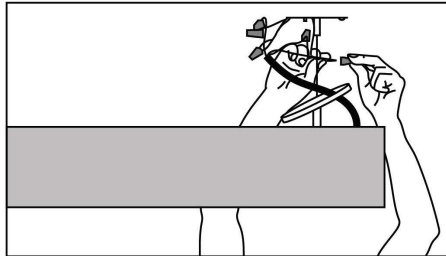
Step 2 Secure canopy with power canopy coupler (Power Feed Mount) & secure canopy with cable terminal (Non Power Feed Mount).



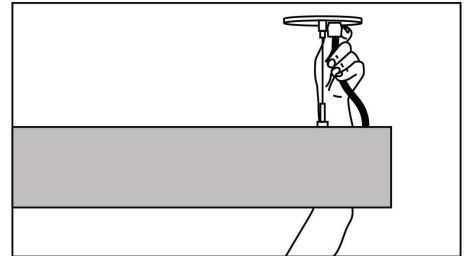
Step 3 Feed aircraft cable into cable grippers, adjust height and level luminaire.



Step 4: Unscrew outer coupler to allow access to junction box. Feed power cord through canopy.



Step 5: Secure canopy back in place with outer coupler.



Step 6: Snap strain relief around power cord. Press into canopy.



# COLOR TEMPERATURE GUIDE

<b>2700K</b>	<b>3000K</b>	<b>3500K</b>	<b>4000K</b>	<b>5000K</b>
<b>WARM WHITE</b>	<b>SOFT WHITE GLOW</b>	<b>NEUTRAL GLOW</b>	<b>COOL WHITE GLOW</b>	<b>DAYLIGHT GLOW</b>
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
✓	✓	✓	✓	✓