

Project Name: _____ Type: _____ Quantity: _____

INTENDED USE

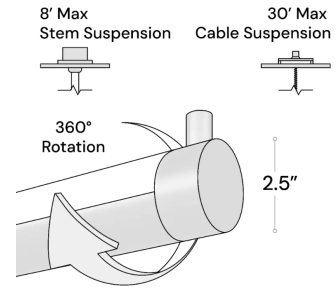
This architectural-grade LED tube pendant or wall-mounted light from the R2 series is adjustable at an angle of 45, 90, 135 or 180 degrees affording a 350-degree field adjustable rotation. The high-CRI, color-changing or regular white, LED light affords up to 11,600 lumens per 8-foot fixture. The R2 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

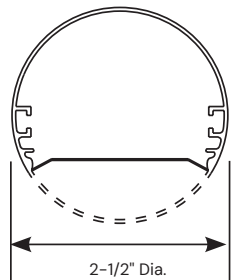
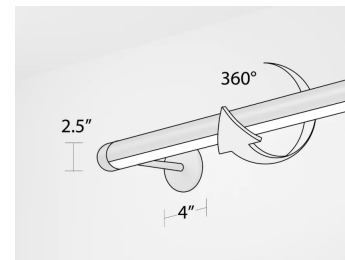


Indirect Illumination

Various lengths and continuous runs available

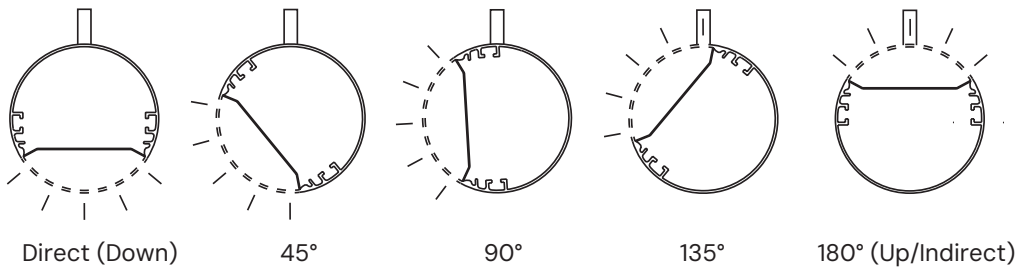


Wall Mount Option Available



Direct/Indirect Option Available

Light Direction Options



ORDERING INFORMATION Example:

MODEL		12100-R2		
MOUNTING		P Pendant W Wall		
LIGHT DIRECTION		D Direct DI¹² Direct and Indirect	I 180° (Indirect) 45 45°	90 90° 135 135°
DOWNLIGHT LUMENS <i>Wattage & Lumens per foot</i>		STATIC WHITE D4 4.5 Watts 598 lm D6 6.75 Watts 898 lm D9 9 Watts 1197 lm D12 12 Watts 1597 lm D13 13.5 Watts 1796 lm	TUNABLE WHITE TW-4 4.5 Watts 598 lm TW-6 6.75 Watts 898 lm TW-9 9 Watts 1197 lm TW-12 12 Watts 1597 lm TW-13 13.5 Watts 1796 lm TW-DLO¹¹ 480 lm TW-DHO¹¹ 768 lm	RGBW RGBW-D9 19.3 Watts 563 lm RGBW-D18 18.6 Watts 1126 lm
UPLIGHT LUMENS <i>Wattage & Lumens per foot</i>		Blank Downlight Only D4¹¹ 4.5 Watts 598 lms D6¹¹ 6.75 Watts 898 lms		
SHAPE <i>(Specify in Feet)</i>		S¹³ Single Run <i>x</i> = 2', 3', 4', or 8' CR¹³ Continuous Run <i>x</i> = Length RC¹³ Rectangle ¹³ <i>x</i> = Width & Length SQ¹³ Square ¹³ <i>x</i> = Width & Length	X¹³ Cross ¹³ <i>x</i> = Leg 1 & Leg 2 T¹³ Tee ¹³ <i>x</i> = Top leg & Base Leg U¹³ U ¹³ <i>x</i> = Base Leg & Side Leg	90¹³ 90° Angle ¹³ <i>x</i> = Leg 1 & Leg 2 CU Custom ¹⁴
COLOR TEMPERATURE		STATIC WHITE 27K⁹ 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	TUNABLE WHITE TW2065⁴ 2000-6500K (Wired) TW2075⁴ 2700-5000K (Wired) TW2762⁹ 2700-6200K (Wireless)	RGBW RGBW30 RGB + W (3000K) RGBW40 RGB + W (4000K)
DRIVER		STATIC WHITE Blank 0-10V (5-Wire) ^{Standard} TRI Triac (120V) ELV Electronic Low Voltage (120V)	TUNABLE WHITE 050 Tunable White 0-10V	RGBW 24V⁶ 24V DC Power Supply 4DMX¹⁰ 4-Channel DMX512 Decoder
FINISH		WH White (Matte, RAL # 9003) ^{Standard} SL Silver (Matte, RAL# 9022)	BK Black (Matte, RAL # 9011) WH-M White Anti-Microbial Coating	RAL# Specify RAL # (Pg. 3)
CORD FINISH		Blank Not Required	WH White ^{Standard}	BK Black
CANOPY FINISH		Blank Not Required	WH White (Matte, RAL#9003) ^{Standard}	BK Black (Matte, RAL # 9011)
PENDANT MOUNTING		Blank Not Required	AC4 4' Adjustable Aircraft Cable AC8 8' Adjustable Aircraft Cable AC¹³ Specify <i>x</i> ' in Feet (Max 30')	ST2 2' Stem ST4 4' Stem ST¹³ Specify <i>x</i> ' in Feet (Max 8')
PENDANT CEILING TYPE		Blank Not Required	T9 9/16" T-bar Grid T15 15/16" T-bar Grid	H Hard / Dry Wall SH Sloped Hard / Dry Wall
ARM LENGTH		5 5" Arm ^{Standard}	12 12" Arm	ALX⁸ Specify X in Inches (Max 24")
CRI		8 80+	9⁶ 90+	
CONTROLS		STATIC WHITE Blank Not Required	TUNABLE WHITE TW-WWR-WH Wireless Wall Remote (White) TW-2N1-WH Dual Wall Switch	RGBW RGBW-APP iOS/Android Bluetooth App RGBW-RF-WH RF Remote Control 4 Zone (White) RGBW-RF-BK RF Remote Control 4 Zone (Black) RGBW-DMX DMX Wall 100-240VAC (White) RGBW-DMX5V DMX Wall 5VDC (White)
OPTIONS		EM10 10W Emergency Battery OS Occupancy & Daylight Harvesting Sensor	DS Daylight Dimming Photo Sensor AB Separate Uplight & Downlight Dimming Control	RGBW-RH-WH Remote holder for RGBW-RF-WH (White) RGBW-RH-BK 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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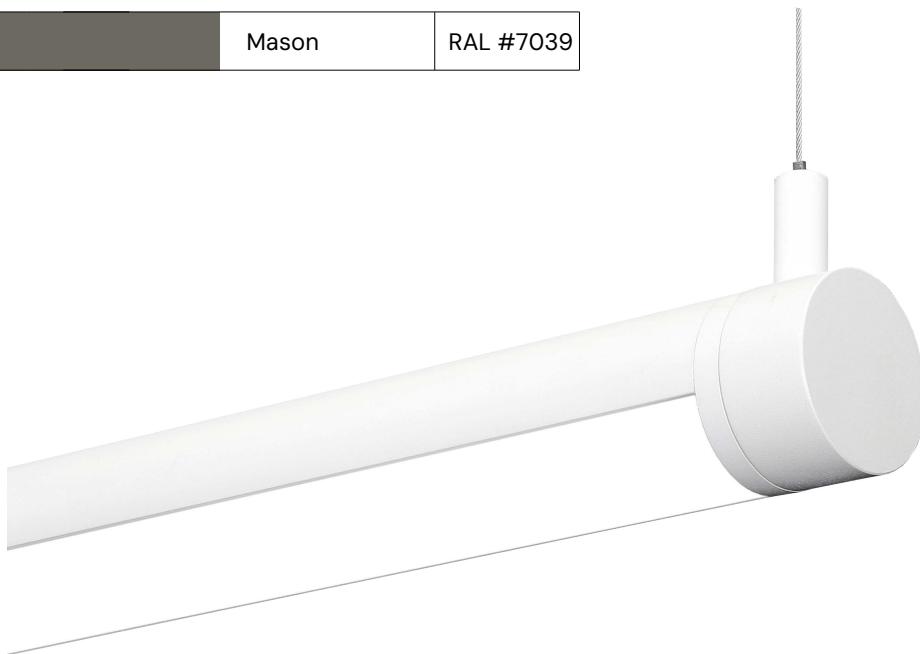
Set up fee and longer lead time will be applied on non-standard finishes.

Metropolitan

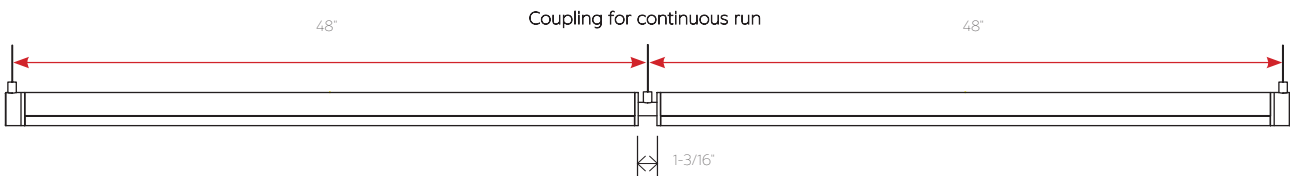
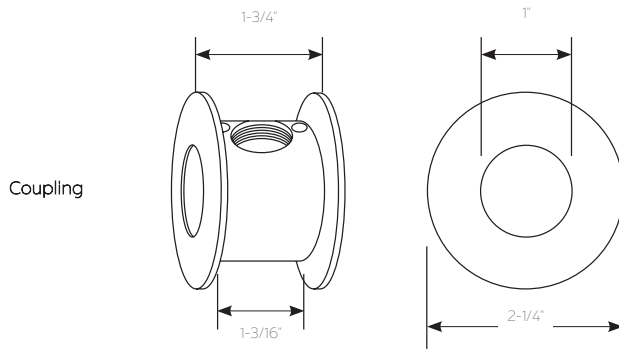
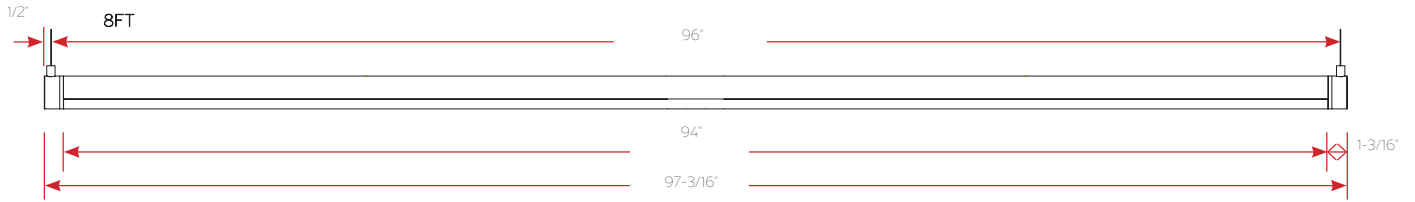
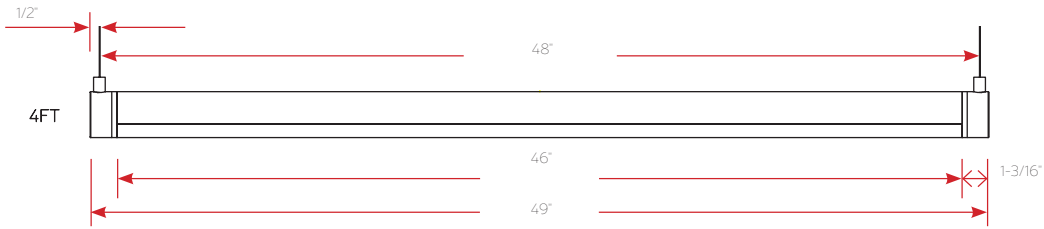
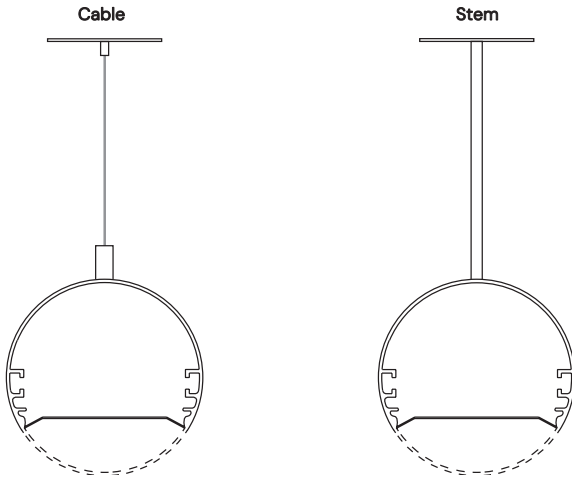
	Black	RAL #9011
	Silver	RAL #9022
	Urban Native	RAL #8025
	Military Green	RAL #6011
	Carmin	RAL #8028
	Chocolate Spice	RAL #8017
	Asher Grey	RAL #7004
	Tech Grey	RAL #7016
	Slate	RAL #7031
	Mason	RAL #7039

Vibrant

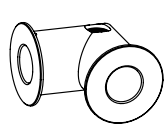
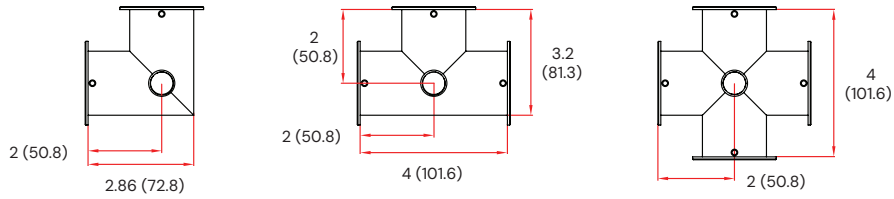
	Violet Dreams	RAL #4006
	Sangria Sunset	RAL #2004
	Deep Pink	RAL #4010
	Ruby Red	RAL #3027
	Island Skye	RAL #6027
	Sophia	RAL #5015
	Antique Spring	RAL #6019
	Daisy	RAL #1018
	Gun Metal	RAL #7024



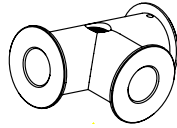
DIMENSIONS



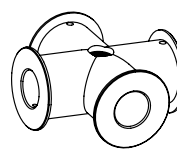
3D GEOMETRIC SHAPES DETAILS



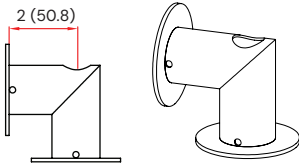
L-H



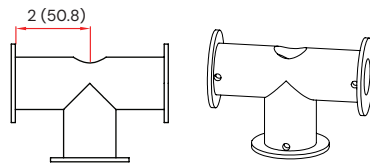
T-H



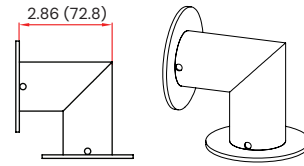
X



L-V

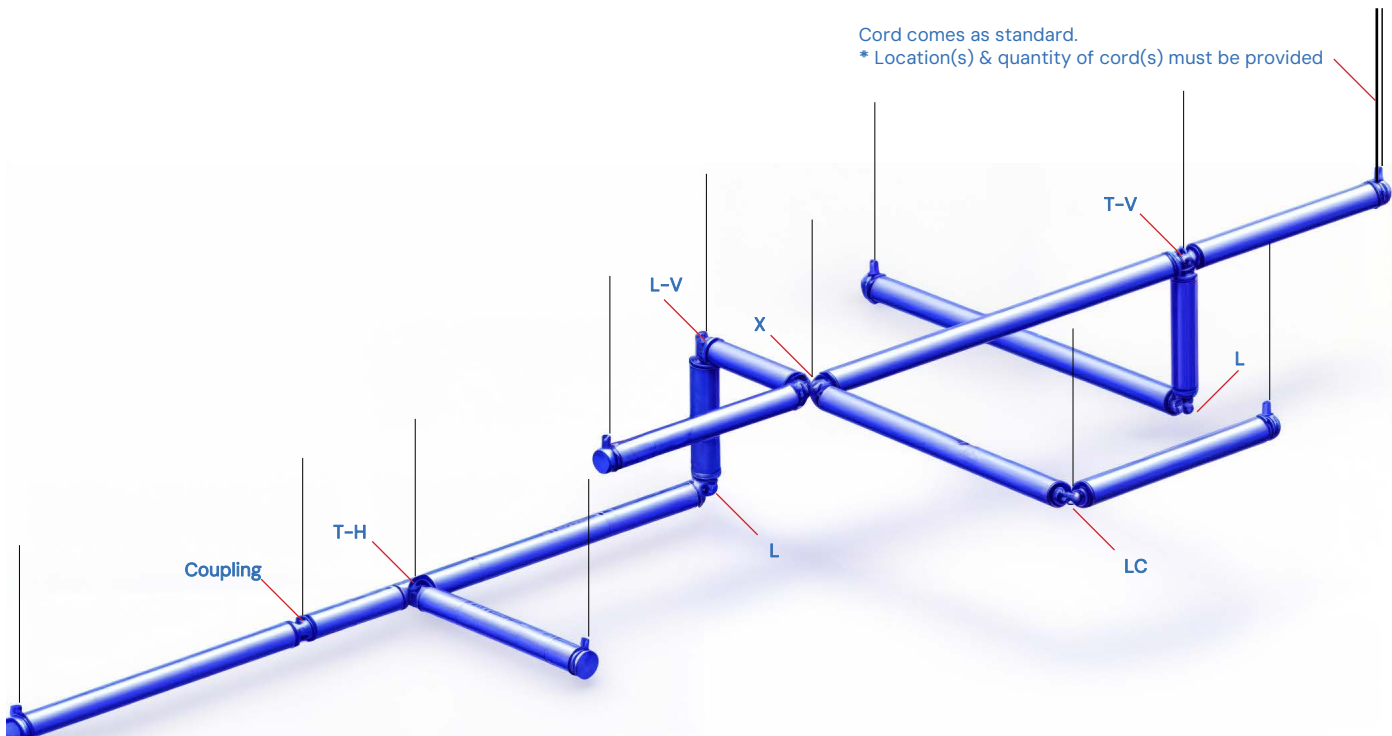


T-V

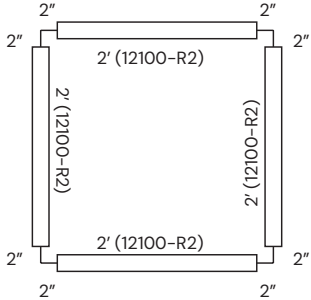


L

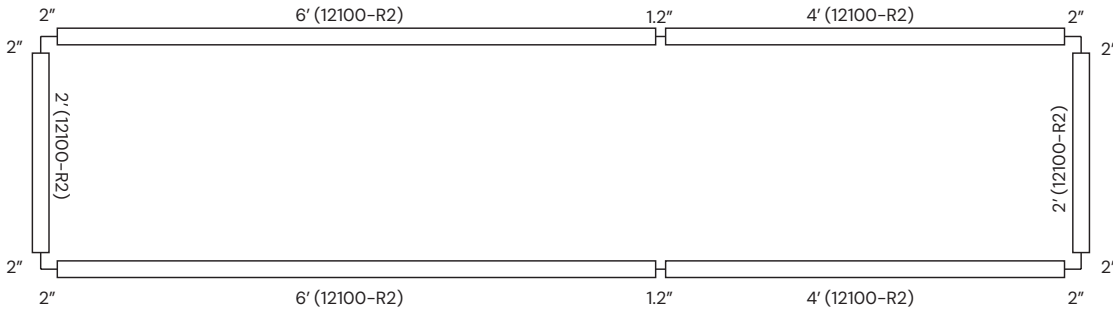
Cord comes as standard.
* Location(s) & quantity of cord(s) must be provided



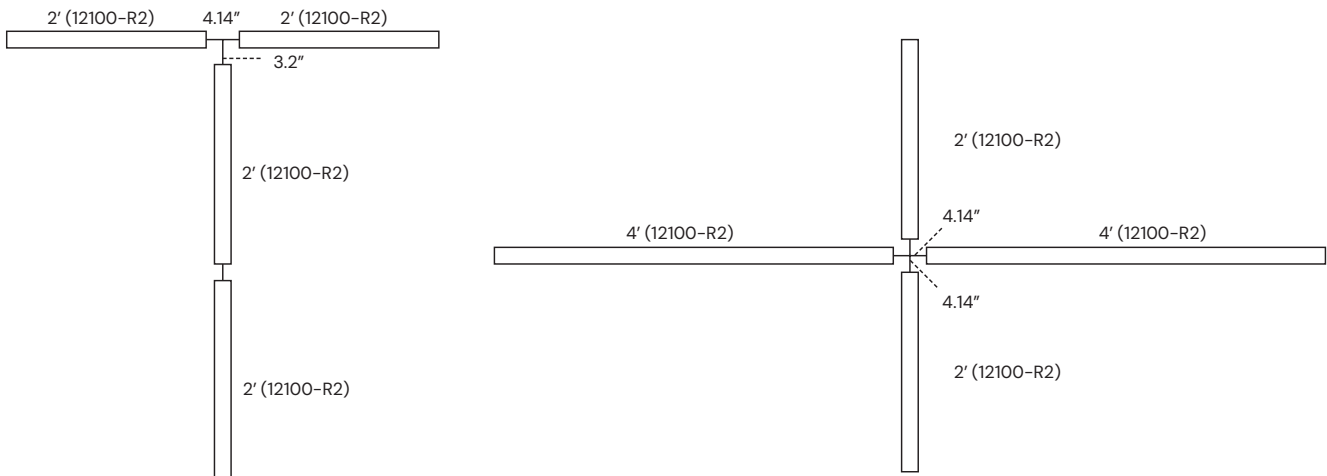
CUSTOM SHAPES EXAMPLES



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



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



COMPATIBLE DIMMERS



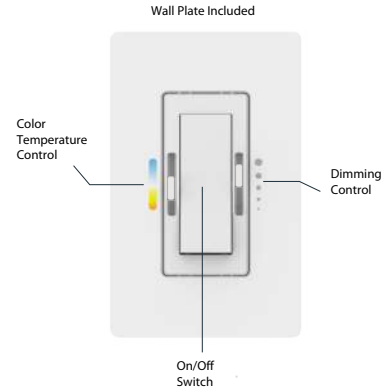
Dynamic White		
Triac	ELV	0-10V
TG-600P	DVELV-303P	NTSTV
LG-600P	SELV-300P	NFTV
TGCL-153P	MAELV-600	DVSTV
DV-600P	FAELV-500	
DVCL-153P		
S-603PG		
CT-103P		
S-600P		



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

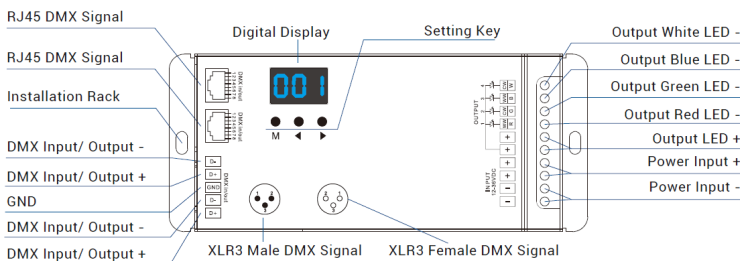
Zone	4 zone
Signal	DMX512 protocol
Input Voltage	100-240VAC
Dimensions	L 3.4" x H 3.4" x D 1.45"
Features	10 built-in mode, scene
Operating Temp.	-22°F ~ 131°F (-30°C ~ 55°C)



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

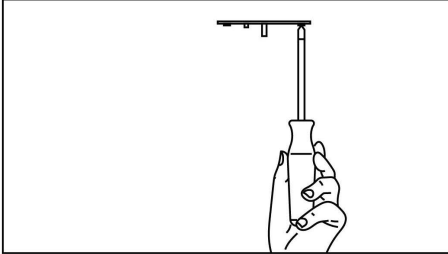
Center Beam FC Beam Width

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

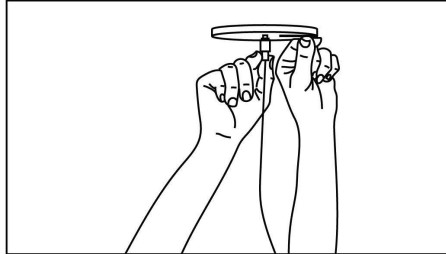
- Vert. Spread: 98.4°
- Horiz. Spread: 85.1°

PENDANT INSTALLATION

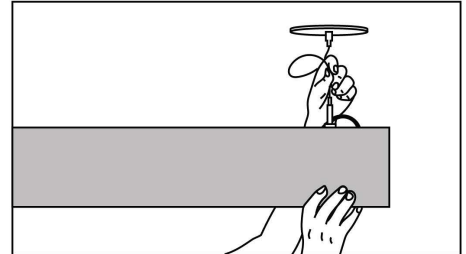
A simple design and adjustable components provide a flexible and hassle-free experience when installing the Continuum Series.



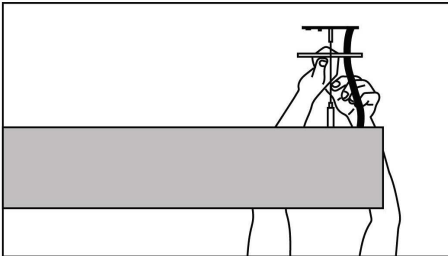
Step 1 Secure cross brackets to junction boxes for both power and non power mounting points.



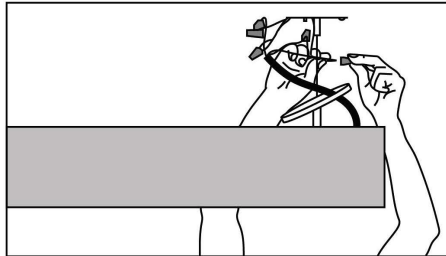
Step 2 Secure canopy with power canopy coupler (Power Feed Mount) & secure canopy with cable terminal (Non Power Feed Mount).



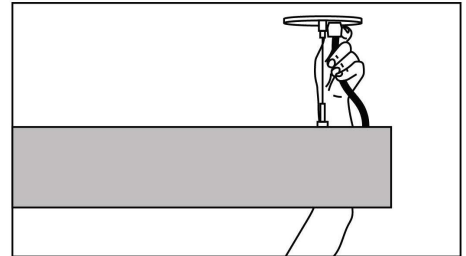
Step 3 Feed aircraft cable into cable grippers, adjust height and level luminaire.



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

2700K	3000K	3500K	4000K	5000K
WARM WHITE	SOFT WHITE GLOW	NEUTRAL GLOW	COOL WHITE GLOW	DAYLIGHT GLOW
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
✓	✓	✓	✓	✓