Revised: 1.18.2021

RONDO2

Rotational LED

APPLICATION

Smart Wi-Fi system compatible with Google Home and Amazon Alexa will make your life easier. The app is easy to set up, and can create multiple zones, multiple users and multiple scenes. Available in Tunable White, RGB and RGBW system. Playing with different colors of the LEDs can form infinite color hue possibilities to not only just illuminate space, but manipulate for your desired hue and shades. The Smart Wi-Fi system can provide an ultimate solution to optimize the needs from residential to commercial, healthcare, education, retails, entertainment, office, and more.

MOUNTING:

- Pendant.

ELECTRICAL:

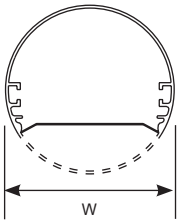
- High power factor electronic driver, operate from a 120 ~ 277 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.95, THD <20, meets Class1 or Class 2 circuit.

FINISH:

- Standard powder-coat textured white painted finish on exposed trim, consult factory for custom colors.
- Comes with snap-in acrylic lens as standard.

LISTING:

- UL / CUL listed.
- UL listed for dry & damp location.
- Assembled in USA (optional)
- Warranty:
  Power source: 5 years limited warranty.
  -2762K, RGB, RGBW: 15 years limited warranty.
  Control: 2 years limited warranty.



Specifications: RONDO2

Width: 2-1/2 Dia. (63)

All dimensions are in inches (millimeters).

WEIGHT

Item	lbs	kg
RONDO2-2	5.08	2.3
RONDO2-3	6.01	2.72
RONDO2-4	6.76	3.06
RONDO2-8	10.88	4.93

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ORDERING INFORMATION

EXAMPLE: *RONDO2-IND-4-DLO-2762K-UNV-CV24-SMAFI*

MODEL	ROW [1]		SECTION [2]		LED		SYSTEM	
RONDO2-IND (Individual Mount) **RONDO2-CON** (Continuous Row Mount)	**xx**	Specify nominal overall row length in 1' increments (Continuous runs)	**2** **3** **4** **8** **X**	2' Length 3' Length 4' Length 8' Length [3] Custom Length [4]	**(Blank)** **DLO** **DHO**	No Downlight [5] Low output, 4.4 W/ft, 494 lm/ft High output, 8.8 W/ft, 988 lm/ft	**-2762K**	Tunable White 2700-6200K With wireless solution [6, 8]
RONDO2-SQ (Square)	**X'x"-Y'y"**	Specifcy dimensions in inches (Minimum required dimensions is 2'4"-2'4", 2' increments), (Straight joint provided over 8ft run in * Must provide a sketch on the last page.			**(Blank)** **DLO** **DHO**	No Downlight [5] Low output, 4.4W/ft High output, 8.8W/ft	**RGB**	RGB with wireless or Bluetooth solution [6, 7]
RONDO2-CM (Custom)	Refer to dimensions page to calculate the total run * Must provide a sketch on the last page.				**(Blank)** **DLO**	No Downlight [5] Low output, 10W/ft	**RGBW-xxK**	RGBW with wireless or Bluetooth solution, select white "xxk" in 24/27/30/42/62K [7, 9]

ANGLE		MOUNTING		VOLTAGE		POWER FEED LOCATION		FINISH	
(Blank) **45** **90** **135** **180**	Down 45° 90° 135° 180°	**(Blank)**	Pendant	**UNV** **120** **277**	120-277V 120V 277V	**PL**	Power location must be provided in the drawing * Required for -SQ and -CM model only.	**(Blank)** **BK** **CC** **CSS** **AMB**	Matte White Semi-matte Black Custom Color Custom Canopy Color (White is Std.) Anti-Microbial Coating (Matte Skye White) * Non-standard finish with extra charge.

CORD FINISH		CORD LOCATION		CEILING TYPE		SUSPENSION LENGTH		LED DRIVER	
(Blank) **BKC** * Non-standard finish with extra charge.	White (Std.) Black	**2DEND**	2 Feeds on dual end * Two power feed standard.	**X1** **X2** **X3**	T-bar ceiling Hard ceiling Sloped Hard ceiling	**AC48** **AC96** **ST24** **ST48**	Adjustable Aircraft Cable Canopy 48"L Adjustable Aircraft Cable Canopy 96"L Stem Canopy 24"L Stem Canopy 48"L * Contact factory for custom length.	**CV24**	24VDC power supply

CONTROLS		OPTIONS	
SMAFI	Smart Wi-Fi compatible with Google Home and Amazon Alexa, 24V * Refer to Table #1~4 to find more information. Shipped separately, field installed. Refer to the installation instructions for more information.	**ARRA** **LC** **TC** **XC** **LC-VD** **LC-BT** **TC-VD**	Assembled in USA for Buy American Act Non-lit 90° coupling Non-lit T-shape coupling Non-lit X-shape coupling Non-lit 90° vertical drop Non-lit 90° bottom Non-lit T-shape vertical drop

NOTES:
1. Specify only when Continuous Row Mount.
2. No need to select, if sames as row length and section length.
3. Comes with 1pc 8ft lens.
4. Certain restrictions apply such as wattage and length, please consult with the factory.
5. Downlight cover may ship separately depending on the configuration.
6. Custome wattage or lumen is not available.
7. Refer to RGB chart (Table3) to find more information.
8. Refer to Tunable White chart (Table2) to find more information.
9. Refer to RGBW chart (Table 4) to find more information.

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SMAFI (TABLE 1)

Google HOME

amazon alexa

	-2762K (Tunable White)	RGB	RGBW
Input Voltage	24V		
Systems	Google Home, Amazon Alexa		
Dimming Type	PWM		
Dimming Range	5 - 100%		
Signal Type	Wi-Fi		
Operating Frequency	2.4 GHz		
Operating Temperature	-4°F to 113°F (-20°C to 45°C)		
Environment	IP20, indoor / dry location only		
Warranty	2 Years		
App	IOS & Android "Smart Life"		

TUNABLE WHITE -2762K (TABLE2)

Tunable Range	2700 - 6200K
Lumen Efficiency	494 lm/ft , up to 108 lm/W
CRI	90+
Dimming	PWM
Color Consistency	3-step MacAdam binning
Lumen Maintenance	> 50,000 hours
Control Options	Wireless remote, Bluetooth (Smartphone / APP)
Warranty	5 years limited warranty for power supply, 15 years limited warranty for LED source

RGB (TABLE 3)

Input Voltage	24V
Watt / foot	4.4 W/ft
Lumen / foot	R: 20 lm/ft
	G: 92 lm/ft
	B: 19 lm/ft
Color Consistency	3-step MacAdam binning
Lumen Maintenance	> 50,000 hours
Control Options	Wireless Wall/Desktop remote, Wireless Easy Control remote, Wireless Group/Multi-Zone remote, Bluetooth (Smartphone / APP)
Warranty	5 years limited warranty for power supply, 15 years limited warranty for LED source

RGBW (TABLE 4)

Input Voltage	24V
Watt / foot	10 W/ft
Lumen / foot	R: 43.33 lm/ft
	G: 200 lm/ft
	B: 40 lm/ft
	W: 314 lm/ft (24K), 324 lm/ft (27K), 398 lm/ft (30K), 414 lm/ft (42K), 426 lm/ft (62K)
CRI for white LEDs	80+
Color Consistency	3-step MacAdam binning
Lumen Maintenance	> 50,000 hours
Control Options	Wireless Easy control remote, Group / Multi Zone wireless remote, Bluetooth (Smartphone / APP)
Warranty	5 years limited warranty for power supply, 15 years limited warranty for LED source

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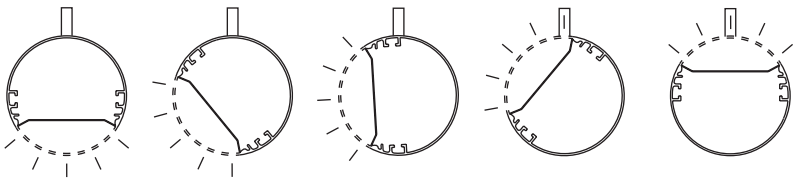
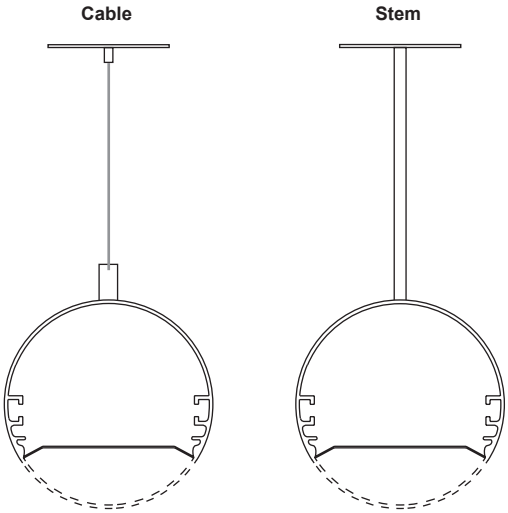
*Fixture can be customized: angle 45º, 90º, 135º, 180º (up light).
*Field adjustable using allen key (provided).





*Compatible with 1/2" pipe stem (provided by others).

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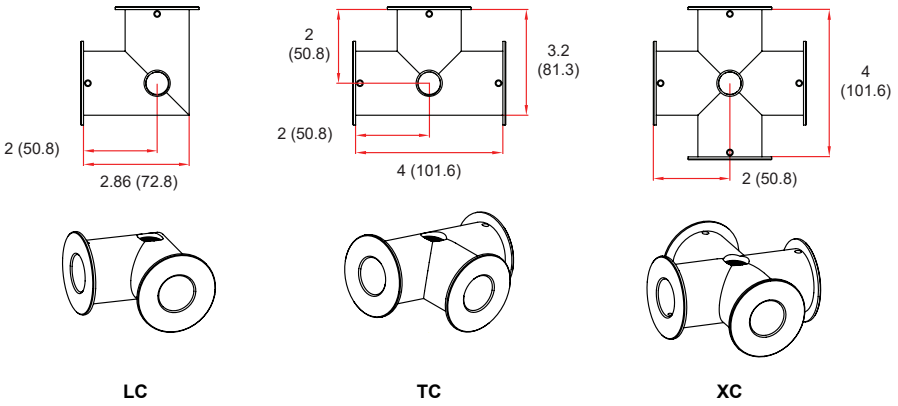
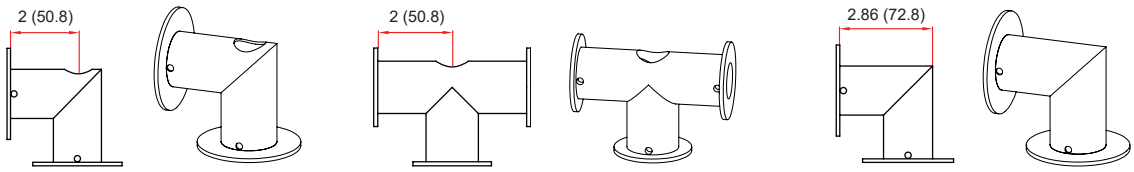
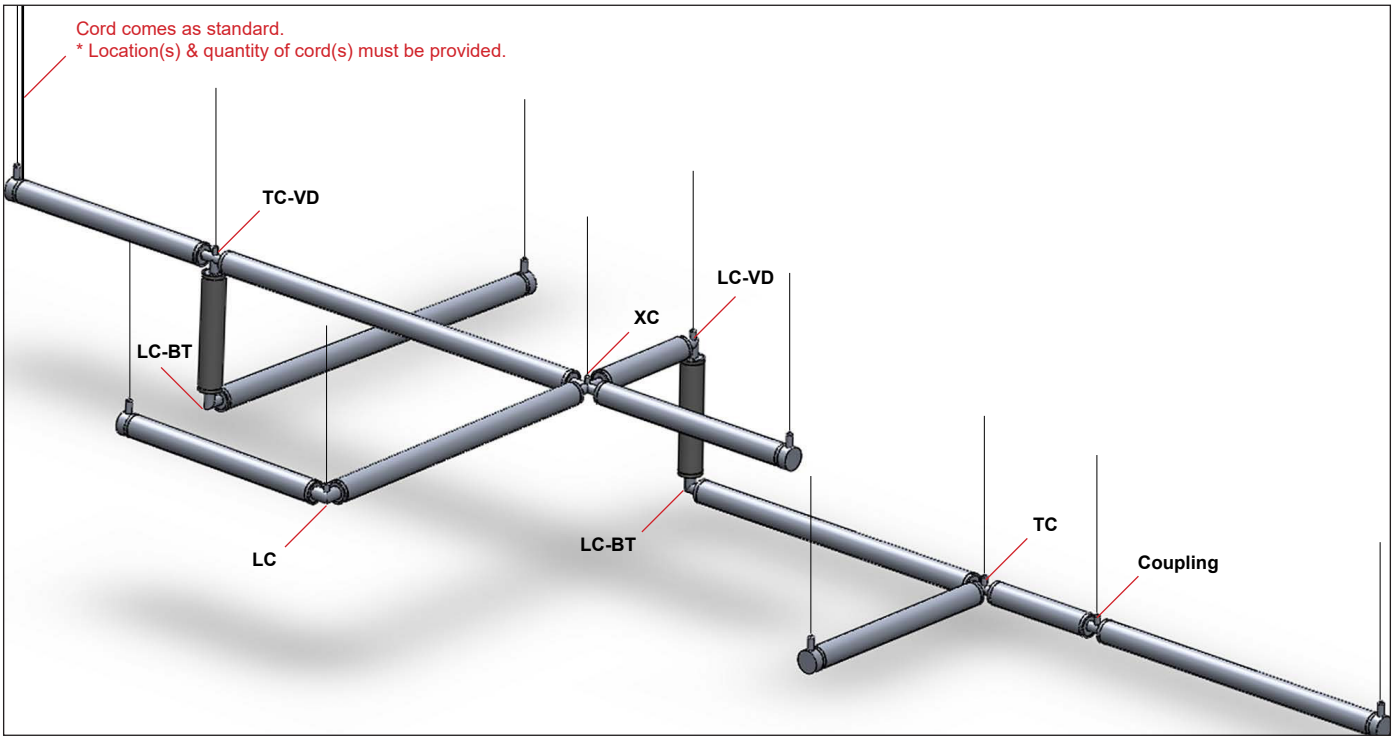


LC **TC** **XC**



LC-VD **TC-VD** **LC-BT**



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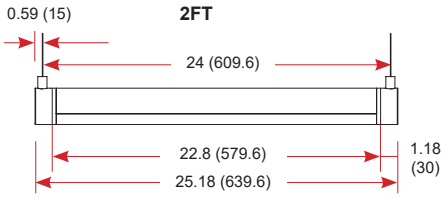
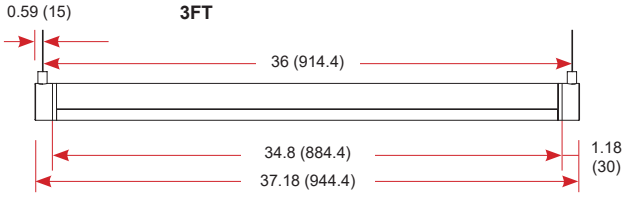
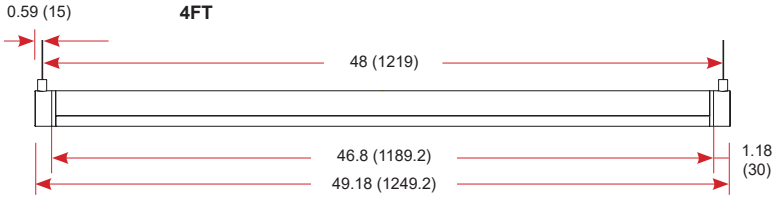
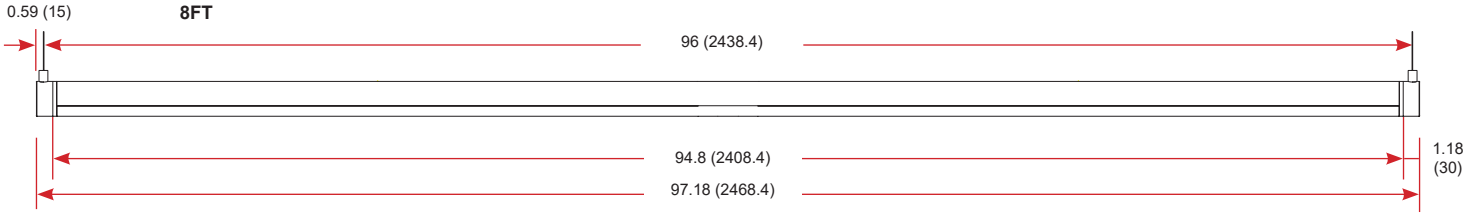


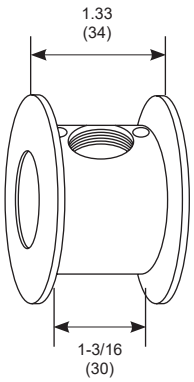


All dimensions are in inches (millimeters).

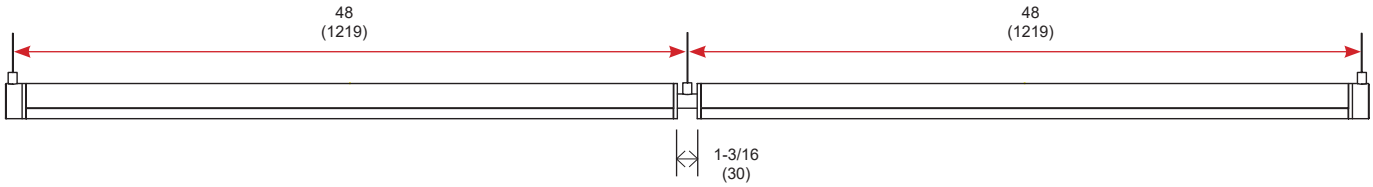




Coupling



Coupling for continuous run



Total run = 97.05 (2465)
Calculation: (1245-30)x2+30 = 2460
* Recommended to calculate in mm. for precised measurement.

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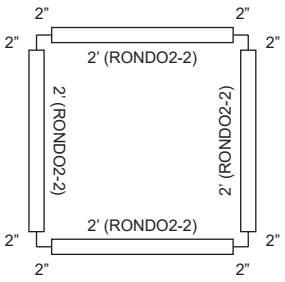
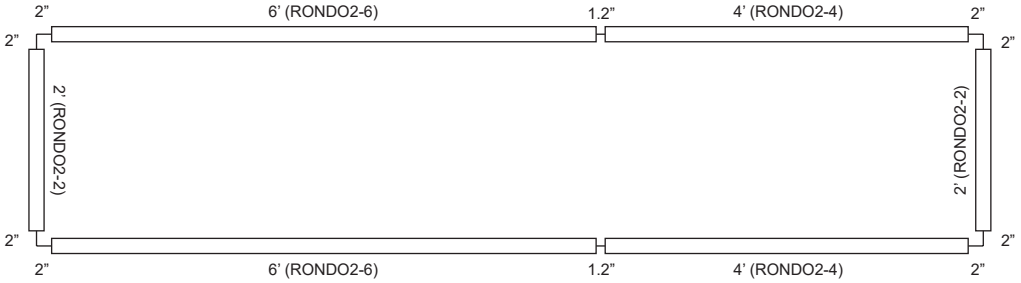
RONDO2-SQ examples (Measurement from center point)

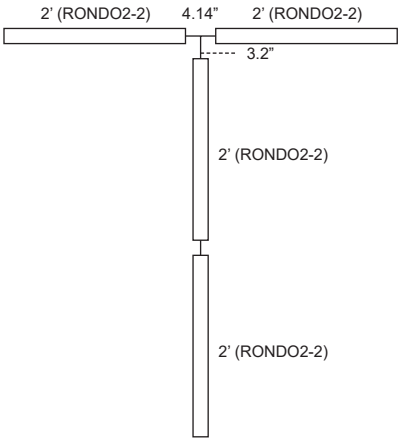
2’4”-2’4” (Minimum)

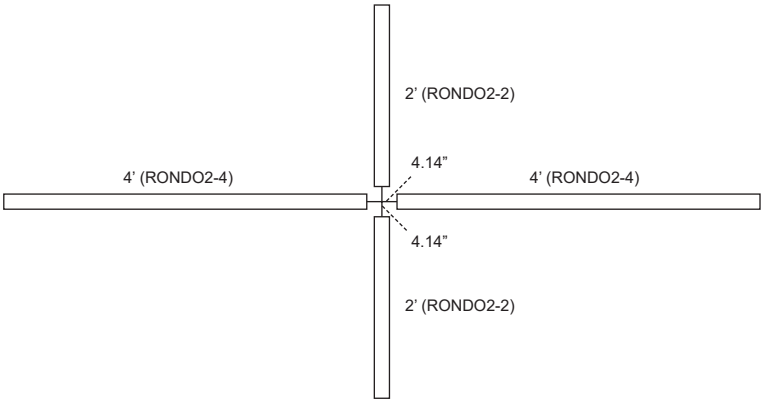


10’5.2”-2’4” (Minimum)



RONDO2-CM examples (Measurement from center point)





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RONDO2 NON-LIT CONNECTOR PATTERNS

Instruction:
- Provide sketches illustrating corner types and overall dimensions.
- Must provide the power location in the drawing.
- Utopia Lighting will decide the optimal fixture combination unless otherwise specified in the drawing

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