

RONDO2



APPLICATION

These color capable luminaires bring flexibility and open doors to various types of applications. The RGB technology is a combination of three primary colors - red, green, and blue - to form a different array of colors. The RGBW technology is a combination of those three primary colors in addition to white. Additional white LEDs illuminates a much purer white tone and brings flexibility for color mixing through the RGB chips. Playing with different colors of the LEDs can form infinite color possibilities to not only just illuminate space, but manipulate for your desired hue and shades. Flexible control solutions from wireless remote, Bluetooth, to DMX512 with a wall mount touch panel can provide an ultimate solution to optimize the needs from residential to commercial, healthcare, education, retail, entertainment, office, and more.

FEATURES:

- Remote driver standard, remote box provided.

MOUNTING:

- Pendant.
- Wall mount (5" std).

FINISH:

- Standard powder-coat textured white paint finish.
- Consult factory for custom colors.
- Comes with snap-in acrylic lens as standard.

LISTING:

- UL / CUL listed.
- Listed to UL 1598 and UL 8750
- UL listed for dry & damp location.
- Assembled in USA.
- Warranty:

Power Supply: 5 years limited warranty.

DMX: 3 years limited warranty.

LED: 3 years limited warranty.

*These custom products are non-cancellable, non-returnable and non-refundable with the exception of manufacturer defects or damages.

ORDERING INFORMATION

EXAMPLE: RONDO2-IND-4-DLO-RGBW-40K-UNV-CV24-BLT

MODEL	ROW ¹	SECTION ²	LED (per/4ft section)		SYSTEM ⁴	
RONDO2-IND (Individual Mount) RONDO2-CON (Continuous Row Mount)	xx' Specify nominal overall row length in 1' increments	2 2' Length 3 3' Length 4 4' Length 8 8' Length ³ X Custom Length ⁵	DLO DHO	Low output, 9.3W/ft High output, 18.6W/ft	RGBW-30K RGBW-40K	RGBW with wireless or Bluetooth solution, 3000K white RGBW with wireless or Bluetooth solution, 4000K white
RONDO2-SQ (Square)	X'-Y' Specify dimension in inches. (Minimum required dimension is 2'-2') Must provide a sketch on the last page.					
RONDO2-CM (Custom)	Must provide a sketch on the last page					

ANGLE		MOUNTING		VOLTAGE		FIXTURE FINISH		CORD FINISH		CANOPY FINISH	
(Blank)	Down	(Blank)	Pendant	UNV	120-277V	(Blank)	Matte White, RAL #9003 (Std.)	(Blank)	White (Std.)	(Blank)	Matte White, RAL #9003 (Std.)
45	45°	W5	5" Wall Mount	120	120V	*BK	Black #RAL 9011	*BKC	Black	*BC	Black #RAL 9011
90	90°			277	277V	**CC	Custom Color			**CSS	Custom Color Canopy
135	135°	W12	12" Wall Mount			*AMB	Anti-Microbial Coating (Matte Skye White)				
180	180°										

* Non-standard finish with extra charge.

** Additional charge & set up fee.

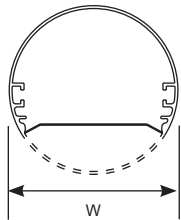
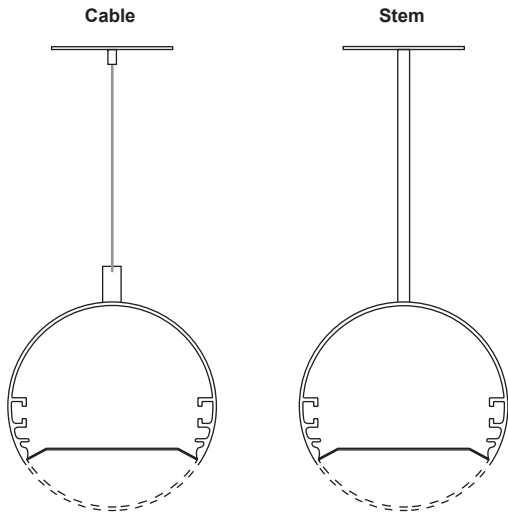
CEILING TYPE (for Pendant)		SUSPENSION LENGTH		LED DRIVER		CONTROLS ⁴	
X1	T-bar ceiling	AC48	Adjustable Aircraft Cable Canopy 48"L	CV24	24VDC Power Supply	WL-MZ-WH WL-MZ-BK BLT	4-Zone RF remote, white 4-Zone RF remote, black Bluetooth / Smartphone App
X2	Hard ceiling	AC96	Adjustable Aircraft Cable Canopy 96"L				
X3	Sloped Hard ceiling	ST24 ST48	Stem Canopy 24"L Stem Canopy 48"L	4DMX	4-Channel DMX512 decoder	(Blank) DMXT14 DMXT8	No options or controls from below 4-zone DMX512 wall mount touch panel, 100-240VAC input only 4-zone DMX512 wall mount touch panel, 100-240VAC input only 5vdc adapter provided

* Contact factory for custom length.
1 pair (2 aircraft cables) standard for up to 8' length.

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OPTIONS	
LC	Non-lit L-shape horizontal plane coupling
LC-VD	Non-lit L-shape vertical drop coupling
LC-BT	Non-lit L-shape bottom receiving coupling
TC	Non-lit T-shape horizontal plane coupling
TC-VD	Non-lit T-shape vertical drop coupling
XC	Non-lit X-shape horizontal plane coupling
UDSC	Up and Down separate control
WL-HLD-WH	Remote holder for WL-MZ, white
WL-HLD-BL	Remote holder for WL-MZ, black

- NOTES:
- 1. Specify only when Continuous Row Mount.
 - 2. No need to select if the same as row length and section length.
 - 3. Comes with one-piece 8ft lens.
 - 4. Refer to Table1 and Table 2 to find more information.
 - 5. Not all custom length may be available, contact factory for more information.



Specifications: RONDO2

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

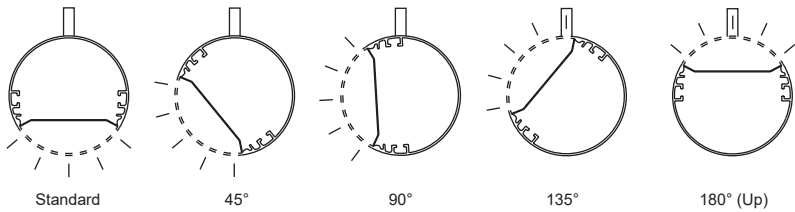
All dimensions are in inches (millimeters).

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

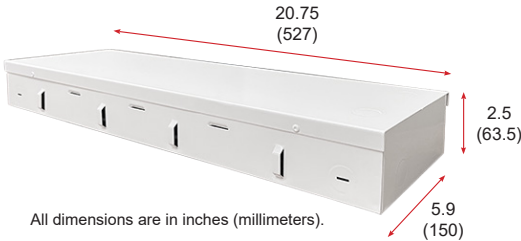
*Compatible with 1/2" pipe stem (provided by others).

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



WALL MOUNT

REMOTE BOX DETAILS



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RGBW CONFIGURATION

Input Voltage	24V
Watt & Lumen Efficiency	9.3 W/FT, 563 LM/FT, 60.53 LM/W (DLO) 18.6 W/FT, 1126 LM/FT, 60.53 LM/W(DHO)
Lumen Output	Red: 36.82 LM/FT (DLO) 73.64 LM/FT (DHO)
	Green: 79.55 LM/FT (DLO) 159.10 LM/FT (DHO)
	Blue: 25.82 LM/FT (DLO) 51.64 LM/FT (DHO)
	White: DLO - 100.35 lm/W (30K), 116.8 lm/W (40K) DHO - 100.35 lm/W (30K), 116.8 lm/W (40K)
CRI for white LEDs	95
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

CONTROL (TABLE 1)



* Remote holder sold separately

WL-MZ (RF remote control)

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 air
Zone / Mode	4 zones / 9 modes
Working Temp.	-4°F to 131°F (-20°C to 55°C)
* Battery	2 x AAA battery

* Not included



WL-HLD-WH



WL-HLD-BK

BLT (Bluetooth / Smartphone App)



Smart Life

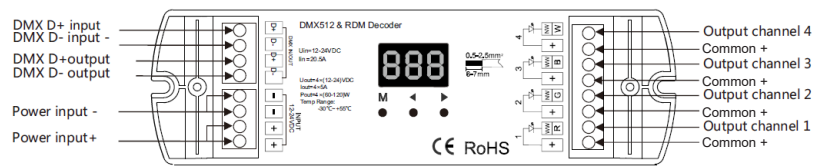


Tuya Smart

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)

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4DMX (TABLE2)



4DMX (4-channel DMX decoder)

Dimensions	L 6.7" x W 2" x D 0.9"
Output Current	5A / channels
Input Voltage	12-24V DC
Output Power	4 x (60-120)W
Frequency	PWM output



DMXT14

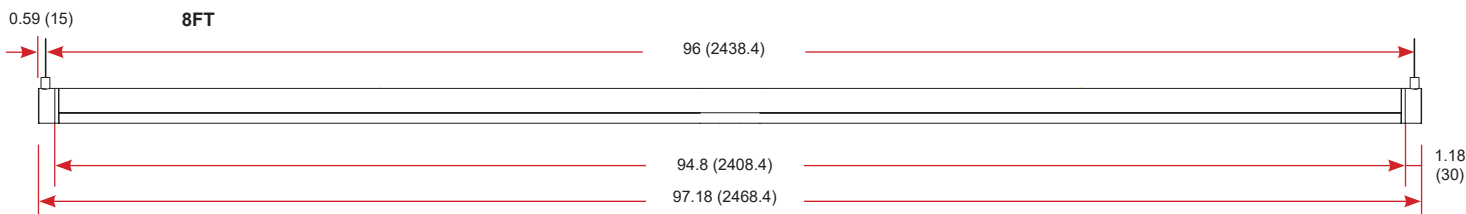
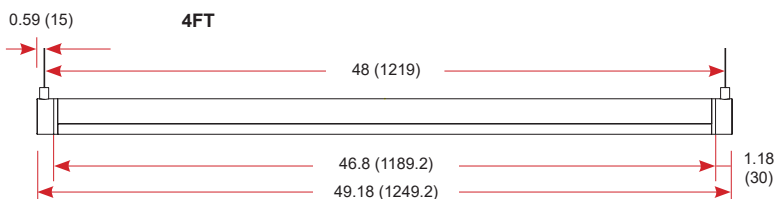
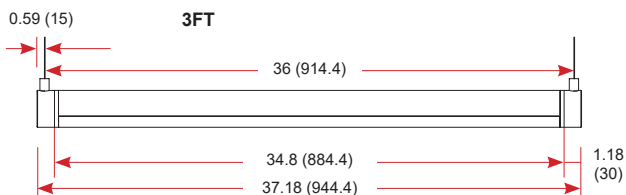
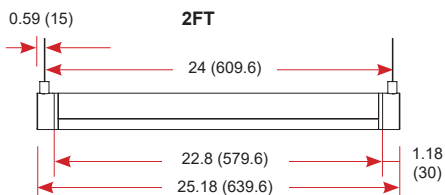
Zone	4 zone
Signal	DMX512 protocol
Dimensions	L 3.4" x H 3.4" x D 1.45"
Features	10 built-in mode, scene
Operating Temp.	-22°F ~ 131°F (-30°C ~ 55°C)



DMXT8

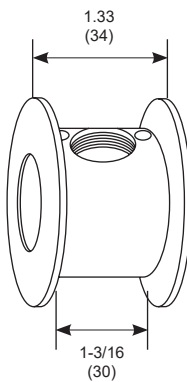
Zone	4 zone
Signal	DMX512 protocol
Dimensions	L 7" x H 1.3" x D 1.9"
Features	12 built-in mode, scene
Operating Temp.	-22°F ~ 131°F (-30°C ~ 55°C)

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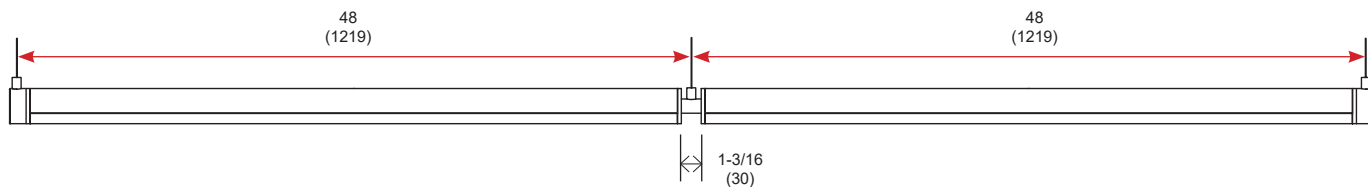


All dimensions are in inches (millimeters).

Coupling



Coupling for continuous run

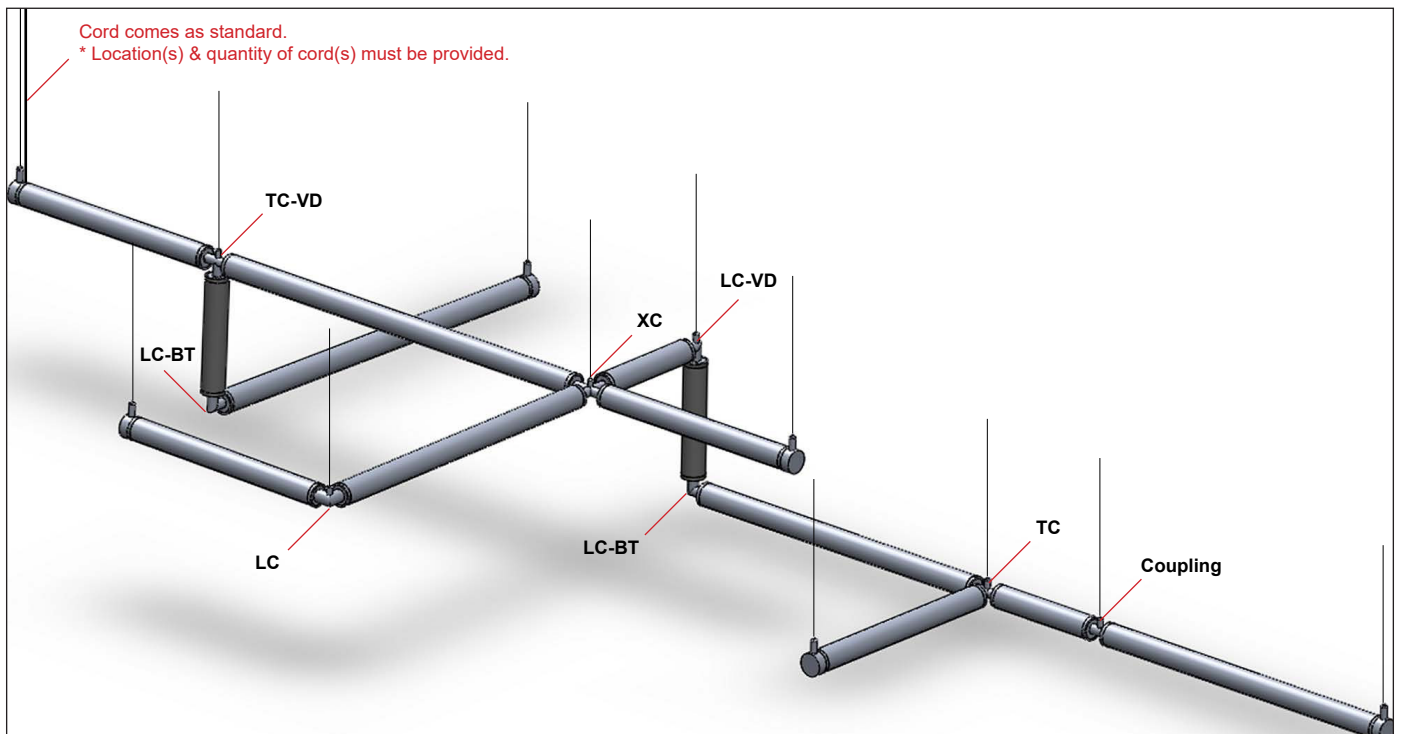
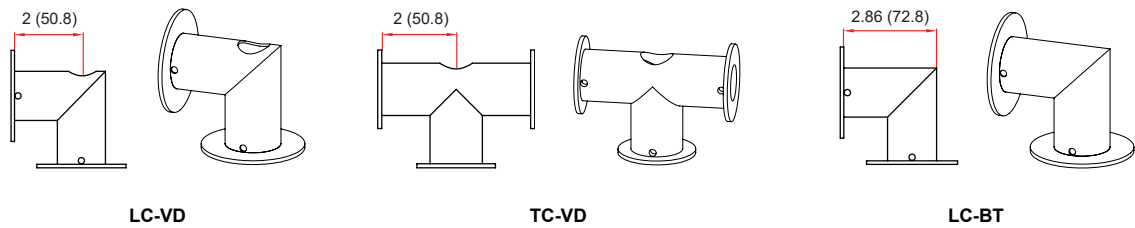
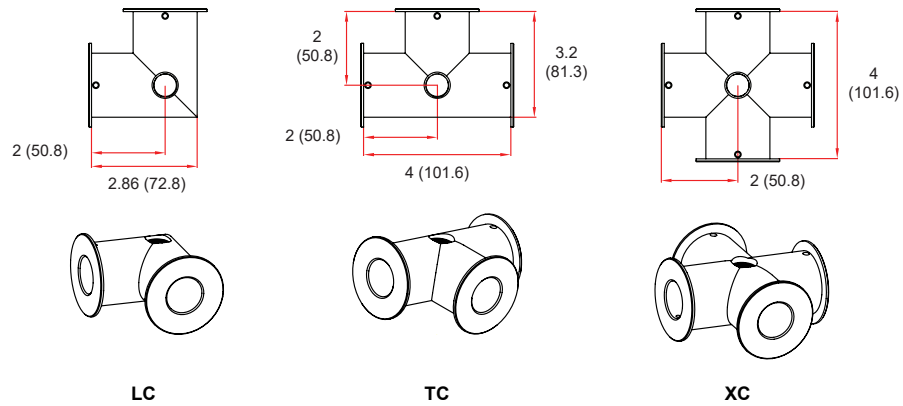


Total run = 97.05 (2465)

Calculation: $(1245-30) \times 2 + 30 = 2460$

* Recommended to calculate in mm. for precised measurement.

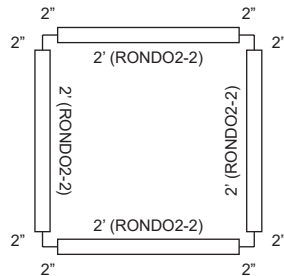
RONDO2



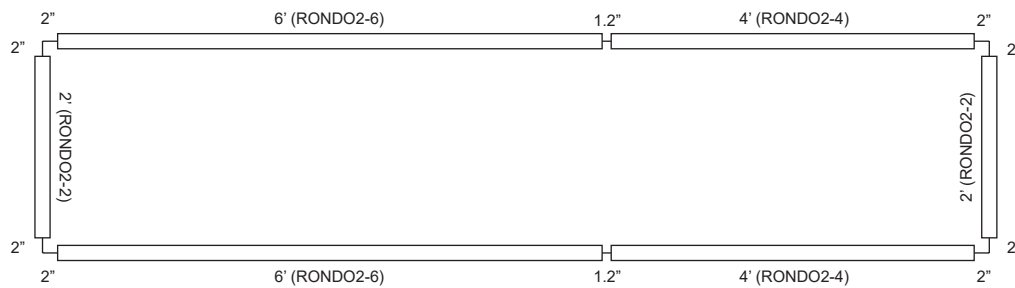
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RONDO2-SQ examples (Measurement from center point)

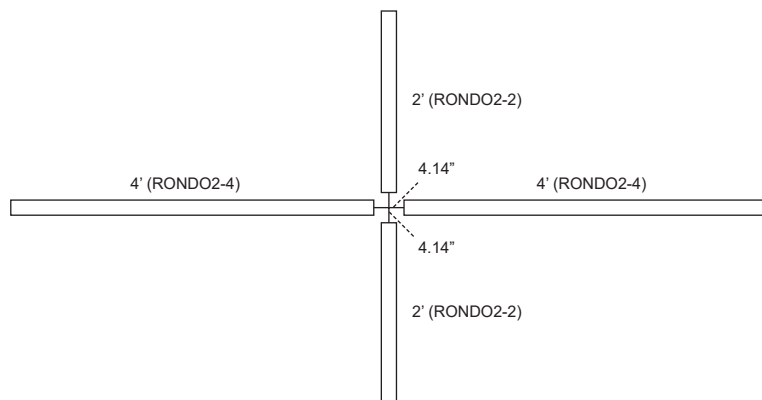
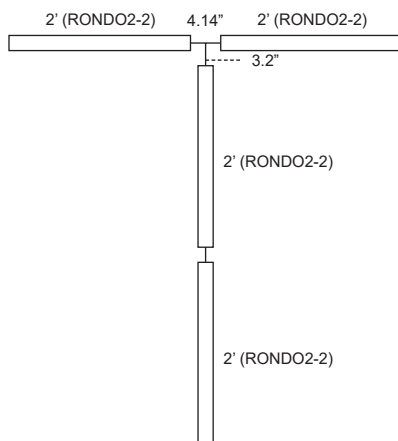
2'4"-2'4" (Minimum)



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



RONDO2-CM examples (Measurement from center point)



RONDO2 LIT CONNECTOR PATTERNS

The lit connector system allows continuous illumination all the way through the corner section.

- Instruction:**
- Please provide sketches illustrating corner types, overall dimensions including corner dimensions, and locations required.
 - HC90, TC, and XC connectors are 90 degree corners (overall, outside dimension).

