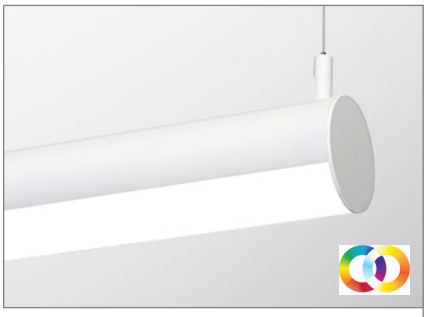
RONDO4

Up, Down, and Up and Down

Project Name:	
Type:	



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 hue 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, retails, entertainment, office, and more.

MOUNTING:

- Pendant.

FINISH:

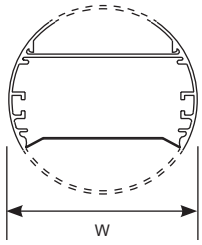
- Standard powder-coat textured white painted finish on exposed trim, consult factory for custom colors.
- Comes with snap-in acrylic lens as standard.

LISTING:

- UL / CUL listed.
- 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.

WEIGHT

Item	lbs	kg
RONDO4-2 (Down)	6.47	2.93
RONDO4-3 (Down)	8.10	3.67
RONDO4-4 (Down)	9.89	4.48
RONDO4-4 (Up&Down)	9.18	4.16
RONDO4-8 (Down)	16.94	7.68
RONDO4-8 (Up&Down)	15.51	7.03
RHC90	10.06	4.56



Specifications: RONDO4

Width: 4 Dia. (101)

All dimensions are in inches (millimeters).

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RONDO4

Up, Down, and Up and Down

ORDERING INFORMATION

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

EXAMPLE: *RONDO4-IND-4-DLO-RGBW-40K-UNV*

MODEL	ROW [1]		SECTION [2]		LED Downlight (per/4ft section)		LED Uplight (per/4ft section)		SYSTEM [4, 5]	
RONDO4-IND (Individual Mount) **RONDO4-CON** (Continuous Row Mount)	**xx**	Specify nominal overall row length in 1' increments (Continuous runs) * Number of circuit(s) should be determined by the customer prior to ordering the continuous run considering the AC input voltage and total run wattage.	**2** **3** **4** **8**	2' Length 3' Length 4' Length 8' Length [3]	**DLO** **DHO**	Low output, 9.3W/ft High output, 18.6W/ft	**NL** **ULO** **UHO**	Zero Uplight Low output, 9.3W/ft High output, 18.6W/ft	**RGBW-27K** **RGBW-30K** **RGBW-40K** **RGBW-TW**	RGBW with wired, wireless or Bluetooth solution, 2700K white RGBW with wired, wireless or Bluetooth solution, 3000K RGBW with wired, wireless or Bluetooth solution, 4000K white RGB + Tunable White with wired, wireless or Bluetooth solution, 2700K-6500K tunable white
RONDO4-SQ (Square) **RONDO4-CM** (Custom)	**X'-Y'**	Specify dimensions in inches (Minimum required dimension is 4'-4') * Must provide a sketch on the last page.								

MOUNTING		VOLTAGE		FIXTURE FINISH		CORD FINISH		CANOPY FINISH	
(Blank)	Pendant	**UNV**	120-277V	**(Blank)** ***BK** ****CC** ***AMB**	Matte White RAL#9003 (Std.) Black RAL #9011 Custom Color Anti-Microbial Coating (Matte Skye White)	**(Blank)** ***BKC**	White (Std.) Black [6]	**(Blank)** ***BC** ***SC** ****CSS**	White (Std.) Black Canopy Silver Canopy Custom Canopy Color (White is Std.)

* Non-standard finish with extra charge.
** Additional charge & set up fee.

CEILING TYPE		SUSPENSION LENGTH		LED DRIVER		CONTROLS [5, 7]	
X1 **X2** **X3** **X4**	15/16" grid T-bar ceiling Hard ceiling Sloped Hard ceiling 9/16" T-bar 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	**WL-MZ-WH** **WL-MZ-BK** **BLT**	4-Zone RF remote, white 4-Zone RF remote, black Bluetooth / Smartphone App
				4DMX	4-Channel DMX512 decoder [7]	**(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

OPTIONS	
EMG8	8W EM Battery Backup [8]
EMG15	15W EM Battery Backup [8]
EMG20	20W EM Battery Backup [8]
EMC	CEC compliant EM [8]
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 same as row and section length.
3. Comes with 1pc 8ft lens
4. Custom wattage or lumen not available.
5. Refer to RGBW chart (Table 1) to find more information.
6. Not available with EM option.
7. Refer to DMX chart (Table 2) to find more information.
8. EM mode will operate with white LED.

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RONDO4

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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.	-4ºF to 131ºF (-20ºC to 55ºC)
* Battery	2 x AAA battery

* Not included



WL-HLD-WH



WL-HLD-BK



Smart Life



Tuya Smart

BLT (Bluetooth / Smartphone App)

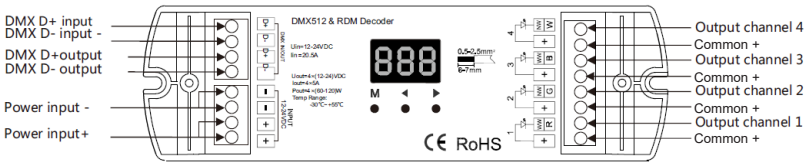
Bluetooth	
Software	IOS 8.0 and up, Android 4.4 and up
App	Smart Life or Tuya Smart supported
Features	Group, Scences
Bluetooth Distance	> 49ft in open area
Additional Feature	Home Management / Third party control -> Alexa, Google Assistant (by others)

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RONDO4

Up, Down, and Up and Down

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.	-22ºF ~ 131ºF (-30ºC ~ 55ºC)



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.	-22ºF ~ 131ºF (-30ºC ~ 55ºC)

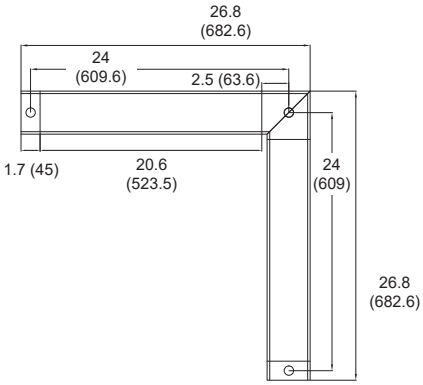
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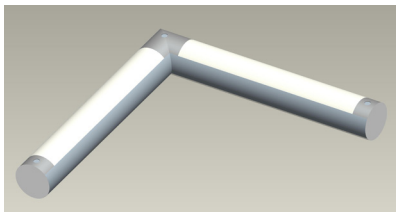
RONDO4

Up, Down, and Up and Down

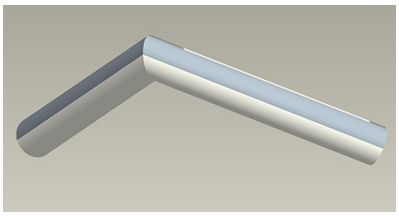


Lutron Vive Integral
fixture control installation



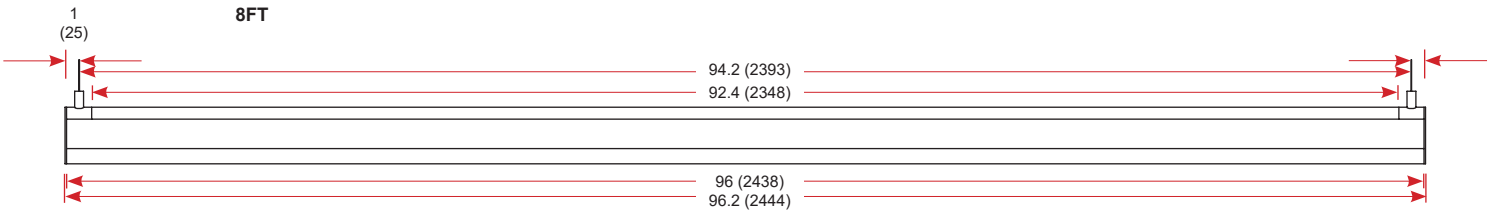


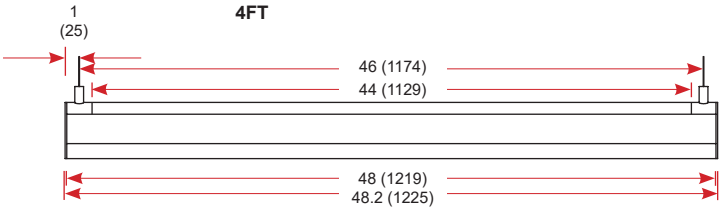
RHC90 (uplight)

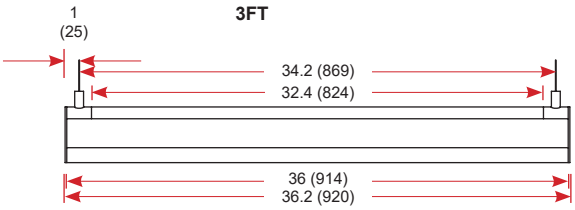


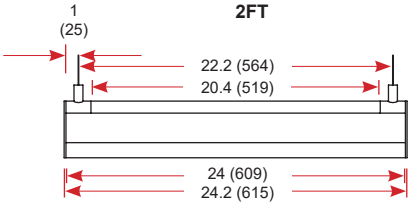
RHC90 (downlight)

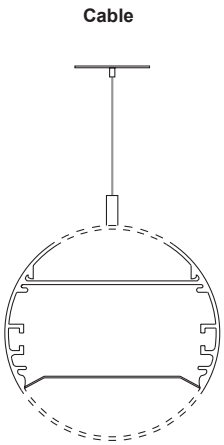
All dimensions are in inches (millimeters).

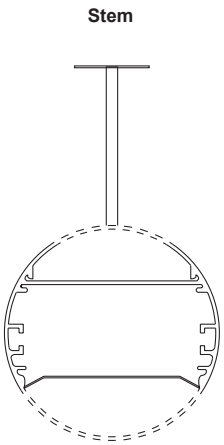












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RONDO4 LIT CONNECTOR PATTERNS

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

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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