# RONDO2

| | |
|---|---|
| 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.

## 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**<br>(Individual Mount)<br>**RONDO2-CON**<br>(Continuous Row Mount) | **xx’** | Specify nominal overall row length in 1’ increments | **2**<br>**3**<br>**4**<br>**8**<br>**X** | 2’ Length<br>3’ Length<br>4’ Length<br>8’ Length [3]<br>Custom Length [5] | **DLO**<br>**DHO** | Low output, 9.3W/ft<br>High output, 18.6W/ft | **RGBW-27K**<br>**RGBW-30K**<br>**RGBW-40K**<br>**RGBW-TW** | RGBW with wired, wireless or Bluetooth solution, 2700K white<br>RGBW with wired, wireless or Bluetooth solution, 3000K white<br>RGBW with wired, wireless or Bluetooth solution, 4000K white<br>RGB + Tunable White with wired, wireless or Bluetooth solution, 2700K-6500K tunable white |
| **RONDO2-SQ**<br>(Square) | **X’-Y’** | Specify dimension in inches.<br>(Minimum required dimension is 2’-2’)<br>Must provide a sketch on the last page. | | | | | | |
| **RONDO2-CM**<br>(Custom) | Must provide a sketch on the last page | | | | | | | |

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

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

| CEILING TYPE (for Pendant) | | SUSPENSION LENGTH | | LED DRIVER | | CONTROLS [4] | |
|---|---|---|---|---|---|---|---|
| **X1**<br>**X2**<br>**X3** | T-bar ceiling<br>Hard ceiling<br>Sloped Hard ceiling | **AC48**<br>**AC96**<br>**ST24**<br>**ST48** | Adjustable Aircraft Cable Canopy 48”L<br>Adjustable Aircraft Cable Canopy 96”L<br>Stem Canopy 24”L<br>Stem Canopy 48”L | **CV24** | 24VDC Power Supply | **WL-MZ-WH**<br>**WL-MZ-BK**<br>**BLT** | 4-Zone RF remote, white<br>4-Zone RF remote, black<br>Bluetooth / Smartphone App |
| | | * Contact factory for custom length.<br>1 pair (2 aircraft cables) standard for up to 8’ length. | | **4DMX** | 4-Channel DMX512 decoder | **(Blank)**<br>**DMXT14**<br>**DMXT8** | No options or controls from below<br>4-zone DMX512 wall mount touch panel, 100-240VAC input only<br>4-zone DMX512 wall mount touch panel, 100-240VAC input only 5vdc adapter provided |

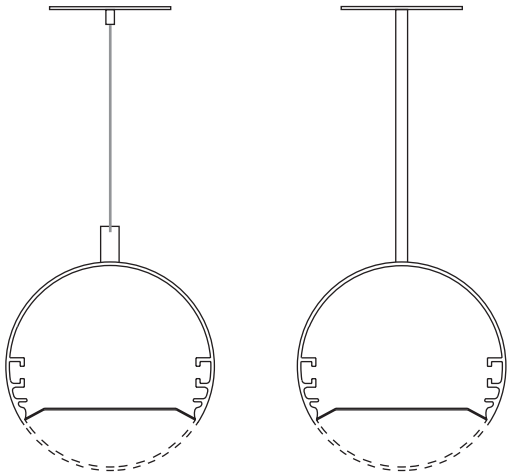

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# RONDO2

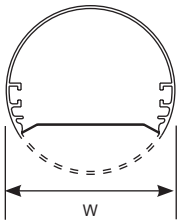
| OPTIONS | |
|---|---|
| **LC** | Non-lit L-shape horizontal plane coupling |
| **LC-VD** | Non-lit L-shape vertical drop coupling |
| **LC-BT** | Non-lit L-shape bottom receiving coupling |
| **TC** | Non-lit T-shape horizontal plane coupling |
| **TC-VD** | Non-lit T-shape vertical drop coupling |
| **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.

**Cable** **Stem**



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




*Specifications: RONDO2*

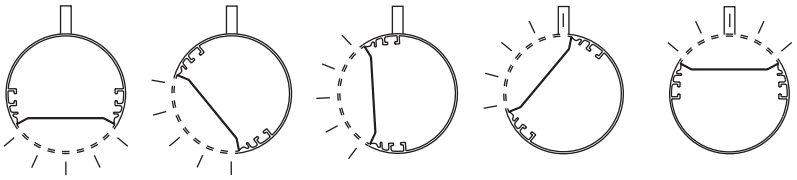
Width: 2-1/2 Dia. (63)

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 |

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



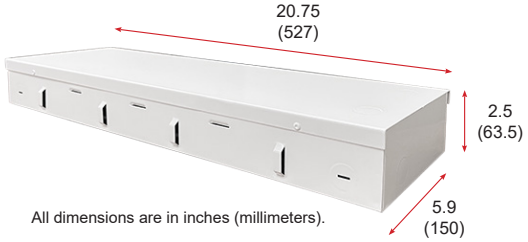
Standard 45° 90° 135° 180° (Up)






**WALL MOUNT**

**REMOTE BOX DETAILS**




All dimensions are in inches (millimeters).


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# RONDO2

## *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**

**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) |

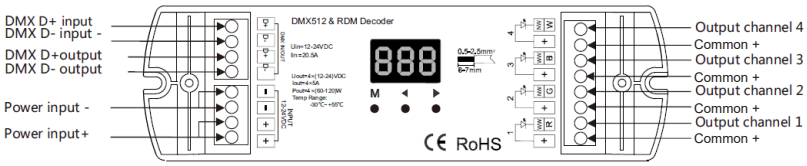
**Smart Life**

**Tuya Smart**


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# RONDO2

***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) |

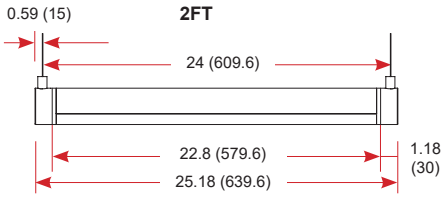


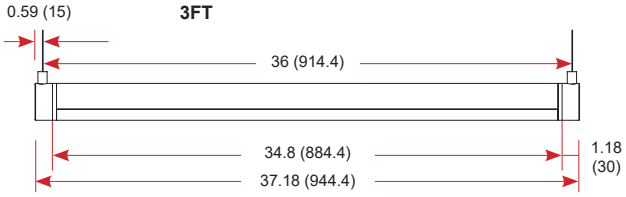
***DMXT8***

| | |
|---|---|
| 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) |

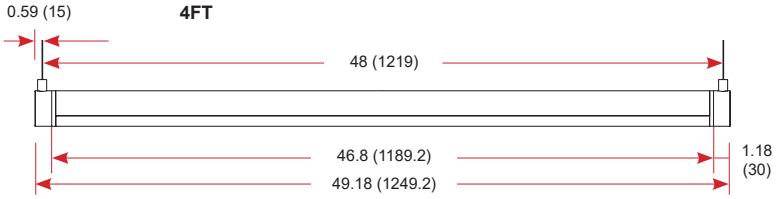

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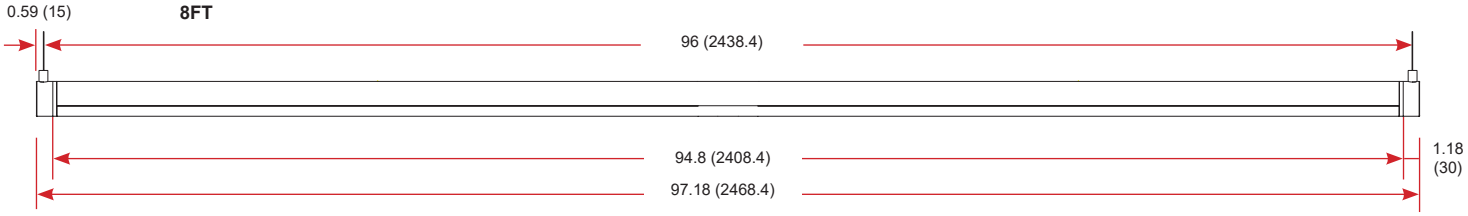
# RONDO2



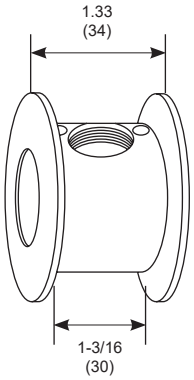




All dimensions are in inches (millimeters).

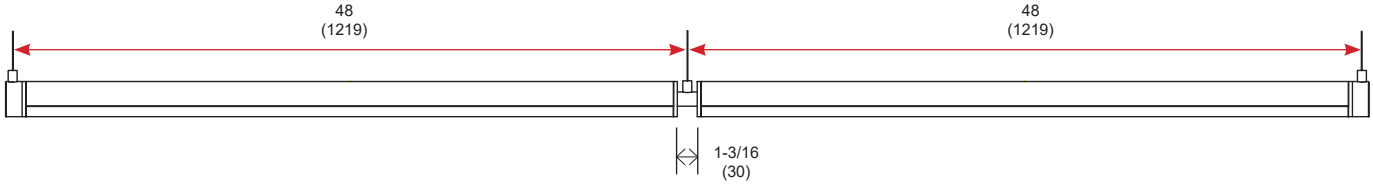



**Coupling**



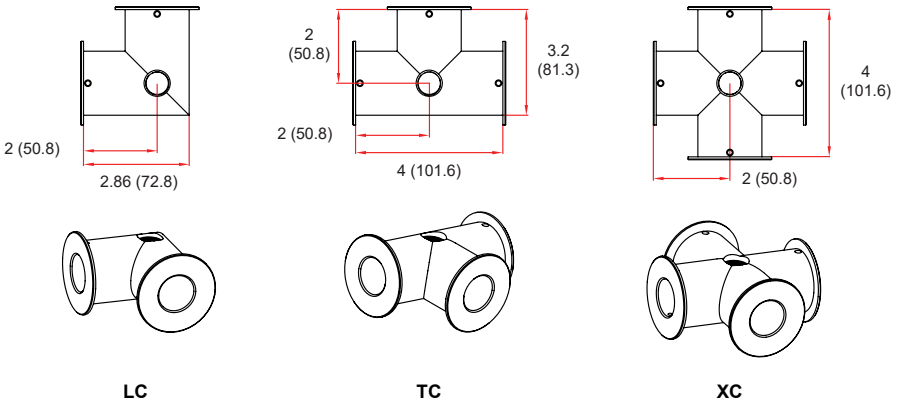

**Coupling for continuous run**



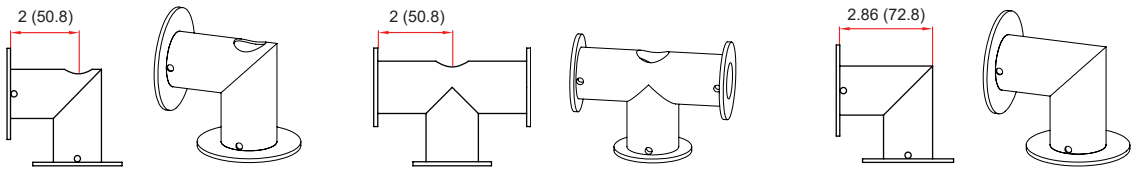

Total run = 97.05 (2465)
Calculation: (1245-30)x2+30 = 2460
* Recommended to calculate in mm. for precised measurement.


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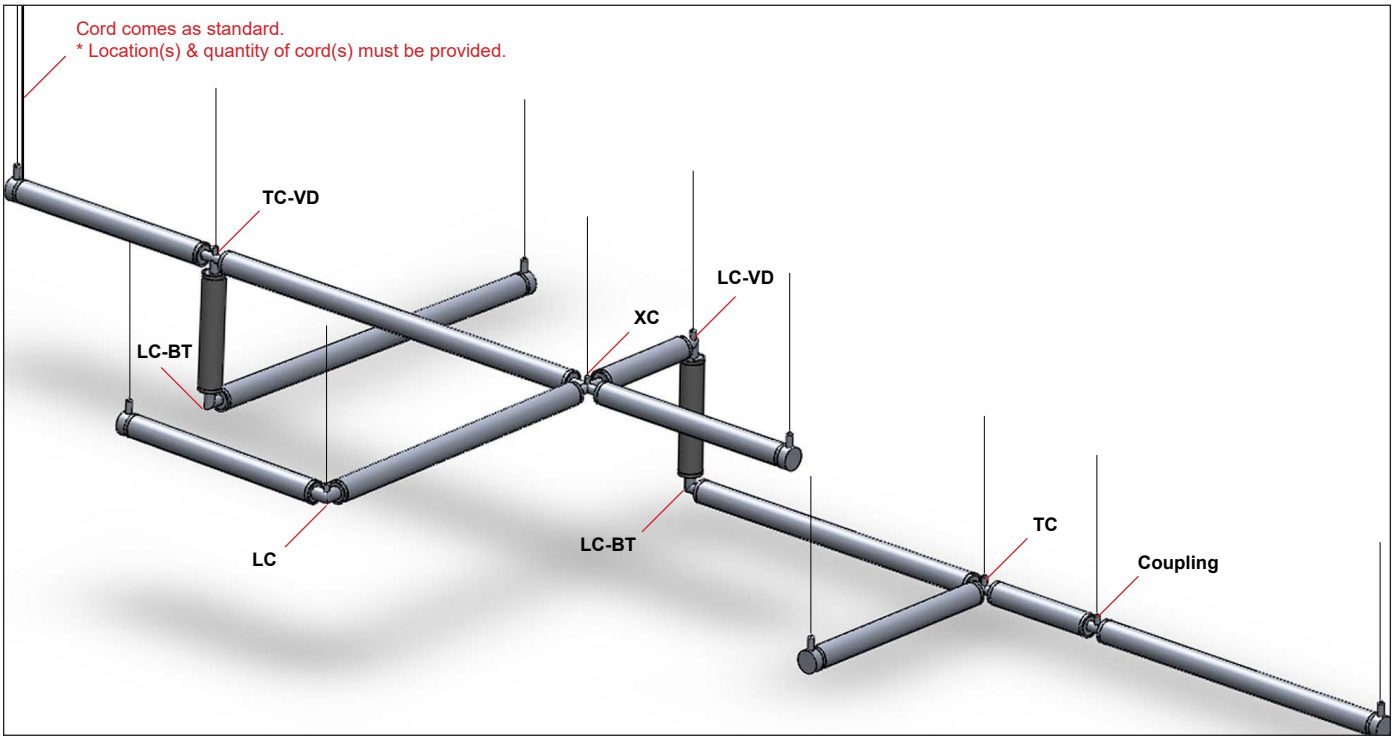
# RONDO2




**LC** **TC** **XC**




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



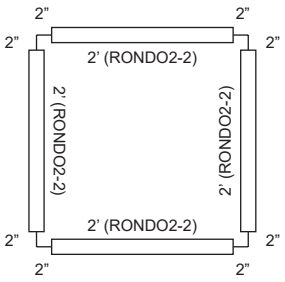


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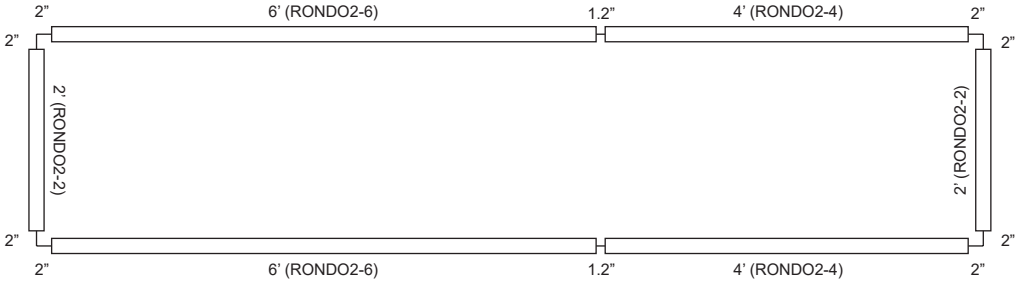
# RONDO2

### RONDO2-SQ examples (Measurement from center point)

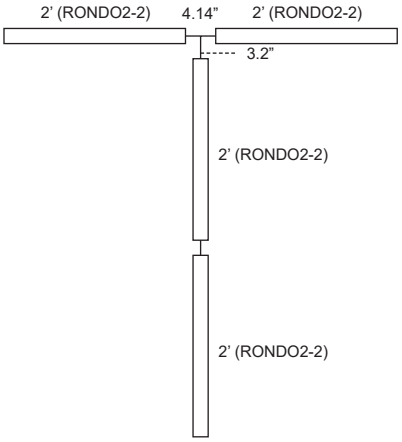
**2’4”-2’4” (Minimum)**

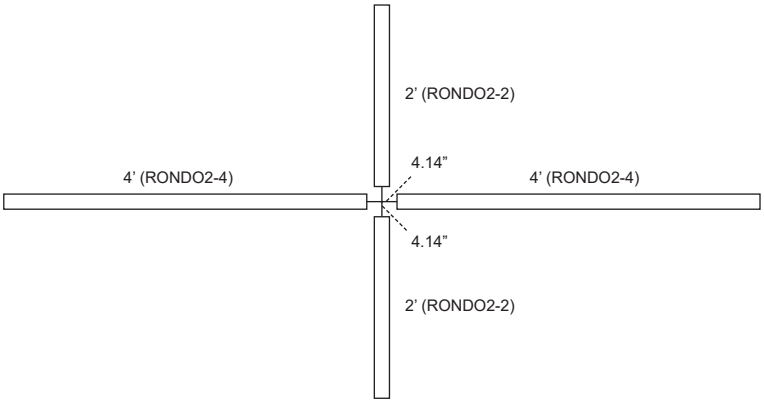



**10’5.2”-2’4” (Minimum)**




### RONDO2-CM examples (Measurement from center point)





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### RONDO2 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).


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