Revised: 3.11.2026

# RONDO2

Rotational LED

| Project Name: | |
|---|---|
| Type: | |

CASAMBI

## APPLICATION

The RONDO is a featured Architectural Linear fixture. Housing is formed by extruded aluminum with a highly reflective die-formed white painted steel reflector. The click-in acrylic lens has a matte finish and a diffuser which is removable for maintenance. It is used for multiple applications such as commercial, general office, banking, retail and educational environments.

## MOUNTING:

- Pendant.
- Wall mount.

## LED:

- High quality array LEDs.
- LM80
- Color Temperature: 2700/3000/3500/4000/5000 (K).
- Color Rendering Index: > 80 (optional >90).
- Nominal Lamp Life: 100,000 hours.
- Reported L70 hours: +60,000 (55°C).

## 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.
- 0-10V dimmable driver as standard.
- 0-10VDC dimming 1%~100%.
- Operating temperature: -4°F (-20°C) ~ 122°F (50°C).

## 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).
- BAA compliant (optional).
- BABA compliant (optional).
- Trade Agreements Act compliant (optional).
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional) [6]
- Bluetooth Mesh System available, please contact factory for more information.

## CONFIGURATIONS

| Series | Size | Model # | AC Input | Fixture Lumen Output (4000K) | Lumen Efficiency (4000K) |
|---|---|---|---|---|---|
| RONDO2 | 2' | 18L | 9.9W | 1197.9 lm | 121 lm/W |
| | | 27L | 14.85W | 1796.8 lm | |
| | | 36L | 19.8W | 2395.8 lm | |
| | | 48L | 26.4W | 3194.4 lm | |
| | | 54L | 29.7W | 3593.7 lm | |
| | 3' | 18L | 14.85W | 1796.8 lm | |
| | | 27L | 22.27W | 2694.6 lm | |
| | | 36L | 29.7W | 3593.7 lm | |
| | | 48L | 39.6W | 4791.6 lm | |
| | | 54L | 44.55W | 5390.5 lm | |
| | 4' | 18L | 19.8W | 2395.8 lm | |
| | | 27L | 29.7W | 3593.7 lm | |
| | | 36L | 39.6W | 4791.6 lm | |
| | | 48L | 52.8W | 6388.8 lm | |
| | | 54L | 59.4W | 7187.4 lm | |
| | 8' | 18L | 39.6W | 4791.6 lm | |
| | | 27L | 59.4W | 7187.4 lm | |
| | | 36L | 79.2W | 9583.2 lm | |
| | | 48L | 105.6W | 12777.6 lm | |
| | | 54L | 118.8W | 14374.8 lm | |

| | Multiplier | | |
|---|---|---|---|
| CCT | 3000K | 3500K | 5000K |
| Down only | 0.9642 | 0.9822 | 1.0357 |



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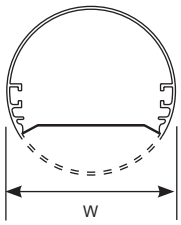


*Specifications: RONDO2*

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

All dimensions are in inches (millimeters).

**ORDERING INFORMATION**

***EXAMPLE:*** *RONDO2-IND-4-27L-30K-UNV*

| MODEL | ROW [1] | | SECTION [2] | | LED | |
|---|---|---|---|---|---|---|
| **RONDO2-IND** (Individual Mount)<br>**RONDO2-CON** (Continuous Row Mount) | **xx** | Specify nominal overall row length in 1' increments (Continuous runs) | **2**<br>**3**<br>**4**<br>**8**<br>**X** | 2' Length<br>3' Length<br>4' Length<br>8' Length [3]<br>Custom Length [12] | **18L**<br>**27L**<br>**36L**<br>**48L**<br>**54L**<br>**NL**<br>**xx** | 18W LED (598 lm/ft)<br>27W LED (898 lm/ft)<br>36W LED (1197 lm/ft)<br>48W LED (1597 lm/ft)<br>54W LED (1796 lm/ft)<br>Non-Lit<br>Custom lumen or Watt: ____LM or ____W<br>* Max up to 7187lm or 54W per 4ft |
| | * 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. | | | | | |
| **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 length).<br>* Must provide a sketch on the last page. | | | | |
| **RONDO2-CM** (Custom) | Refer to dimensions page to calculate the total run<br>* Must provide a sketch on the last page. | | | | | |

| COLOR TEMP. | | CRI | | ANGLE | | MOUNTING | | VOLTAGE | | EM SECTION [4] | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **-27K** | 2700K [13] | **(Blank)** | 80+ CRI | **(Blank)** | Down | **(Blank)** | Pendant | **UNV** | 120-277V | **(Blank)** | None EM |
| **-30K** | 3000K | **C9** | 90+ CRI [7] | **45** | 45° | **W5** | 5" Wall Mount | **120** | 120V | **1SE** | 1 Section |
| **-35K** | 3500K | | | **90** | 90° | **W12** | 12" Wall Mount | **277** | 277V | **2SE** | 2 Section |
| **-40K** | 4000K | | | **135** | 135° | * It is standard for the wall canopy and stem finish to match the fixture finish. | | **347** | 347V [8] | **xSE** | x Section |
| **-50K** | 5000K | | | **180** | 180° | | | | | | |

| FIXTURE FINISH | | CORD FINISH | | CANOPY FINISH | | CEILING TYPE | | SUSPENSION LENGTH | |
|---|---|---|---|---|---|---|---|---|---|
| **(Blank)** | Matte White RAL#9003 (Std.) | **(Blank)** | White (Std.) | **(Blank)** | White (Std.) | **X1** | 15/16" grid T-bar ceiling | **AC48** | Adjustable Aircraft Cable Canopy 48"L |
| ***BK** | Black RAL #9011 | ***BKC** | Black | ***BC** | Black Canopy | **X2** | Hard ceiling | **AC96** | Adjustable Aircraft Cable Canopy 96"L |
| ****CC** | Custom Color | | | ***SC** | Silver Canopy | **X3** | Sloped Hard ceiling | **ST24** | Stem Canopy 24"L |
| ***AMB** | Anti-Microbial Coating (Matte Skye White) | | | ****CSS** | Custom Canopy Color (White is Std.) | **X4** | 9/16" T-bar ceiling | **ST48** | Stem Canopy 48"L |
| | | | | | | **X5** | 9/16" Screw Slot ceiling | | |
| * Non-standard finish with extra charge.<br>** Additional charge & set up fee. | | | | | | | | * Contact factory for custom length.<br>* add "FC" at the end of stem length for field cuttable stem kit ( Ex) ST48FC) | |



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| LED DRIVER | |
|---|---|
| **(Blank)** | 0-10V dim to 1% (Std.) (dim both uplight and downlight simultaneously) |
| **ES566** | eldoLED SOLOdrive Natural Dimming to dark, 0-10V, 100% ~ 0.1% dim |
| **SD40** | 40% / 100% Bi-Level Step dim |
| **SDXX** | XX% / 100% Bi-Level Step dim (Specify XX : 10% ~ 70%) |
| **PHSR** | Philips Xitanium Sensor-Ready, Dali 5%~100% dim. |
| **PHDL** | Philips Xitanium DALI driver, Dim to 5% |
| **TDM** | Triac Dim. (120V only) |
| **TD30/70** | 30% / 70% / 100% Tri-Level Step dim |
| **TDXX/YY** | XX% / YY% / 100% Tri-Level Step dim (Specify XX, YY : 10% ~ 70%) |
| **LDE1** | Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology, 100% ~ 1% dim |
| **ELV** | ELV compatible (reverse-phase or trailing-edge), (120V only) |
| **TRIOT** | Tridonic IoT ready, 1-100% dim via Smart Module Interface (SMI), automated dimming/lighting controls via Enlighted Sensor Interface |
| **BLT** | Bluetooth Mesh System (contact factory for more information) |

| OPTIONS | |
|---|---|
| **EMG8** | 8W EM Battery Backup (CEC Compliant EM) [9, 10, 11] |
| **EMG15** | 15W EM Battery Backup (CEC Compliant EM) [9, 10, 11] |
| **EMG20** | 20W EM Battery Backup (CEC Compliant EM) [9, 10, 11] |
| **EMG25** | 25W EM Battery Backup (CEC Compliant EM) [9, 10, 11] |
| **GTD** | Bodine Generator Transfer Device |
| **GTD10DIM** | Bodine Generator Transfer Device (0-10VDC Dimmer Override) |
| **ARRA** | Assembled in USA |
| **BAA** | BAA(Buy American Act) compliant |
| **BABA** | BABA(Build America Buy America) compliant |
| **TAA** | Trade Agreements Act compliant |
| **O7W** | Optional 7 Years Limited Warranty [5] |
| **O10W** | Optional 10 Years Limited Warranty [5] |
| **ADPMS** | Bluetooth Mesh Wireless Sensor. Occupancy/Daylight harvesting/0-10V Dimming [6, 14] |
| **LC** | Non-lit 90° coupling |
| **TC** | Non-lit T-shape coupling |
| **XC** | Non-lit X-shape coupling |
| **LC-VD** | Non-lit 90° vertical drop |
| **LC-BT** | Non-lit 90° bottom |
| **TC-VD** | Non-lit T-shape vertical drop |

| LIGHTING CONTROL SYSTEM | |
|---|---|
| **LUTRON VIVE** | <Lutron Vive System Enabled> |
| | <Bluetooth> |
| **IFS105SE** | Bluetooth Mesh Wireless Sensor. Occupancy/Daylight/0-10V Dimming |
| **PPA102S** | Bluetooth Powerpack (Consult factory for installation location) |
| **CASAMBI** | Contact factory for CASAMBI READY options |

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. EM is installed in last 4' of luminaire sections. Separate section required 2SE or specified. Must specify voltage, not available with 347V.
5. This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.
6. Only available with standard 0-10V LED driver.
7. Lumen per watt is approximately 15% fewer than standard CRI (80+).
8. Not available with EM Battery Backup.
9. May be unavailable with 2ft configuration due to space limitations, can be remote mounted.
10. Contact factory for other emergency ballast options.
11. Not available with 347V.
12. Certain restrictions apply such as wattage and length. Please consult with factory.
13. Available with C9 (90 CRI) only.
14. Default setting from the factory is "occupancy enabled, Daylight disabled". To enable Daylight, disable occupancy and enable daylight adjustment must be made in the field prior to installation.


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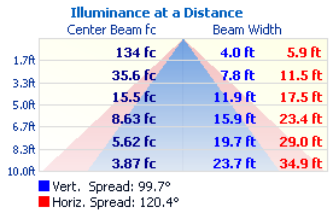
### RONDO2-2-18L

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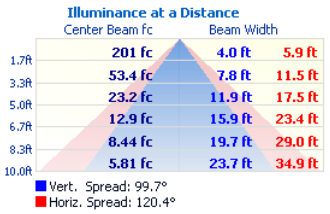


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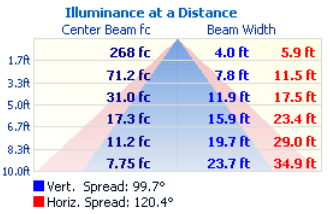


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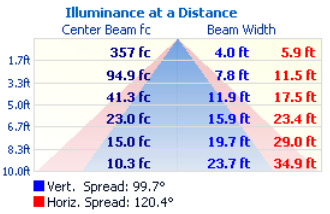


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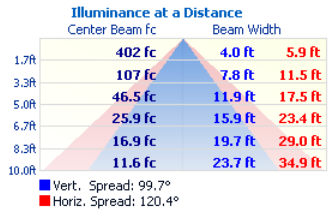


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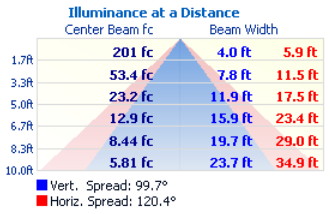


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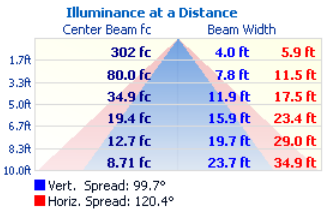


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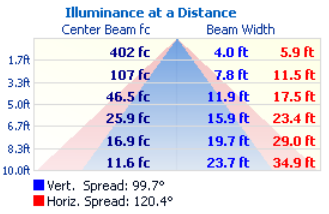


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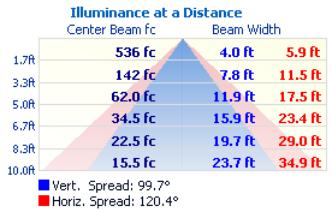


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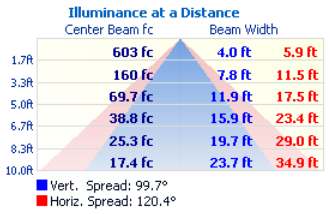


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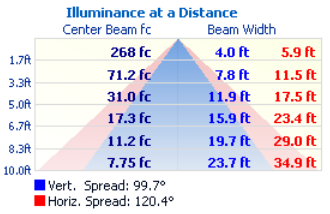


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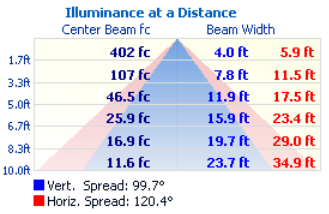


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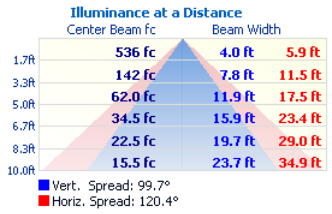


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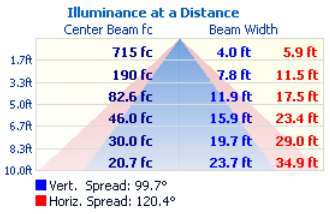


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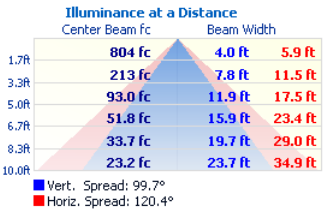


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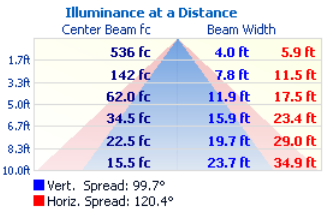


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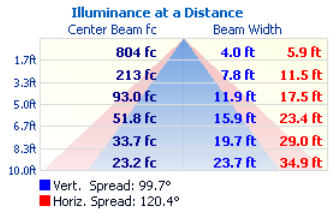


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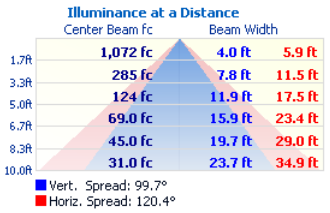


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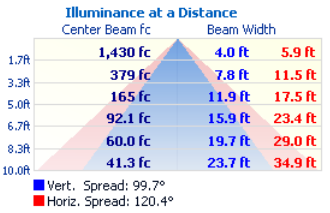


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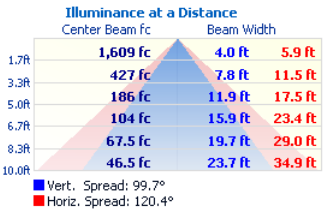



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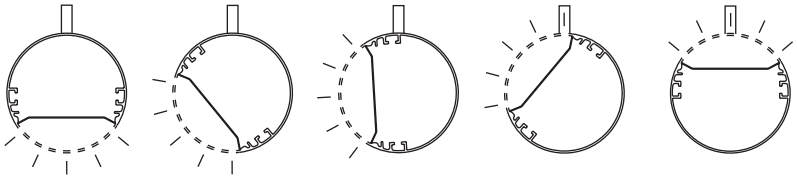
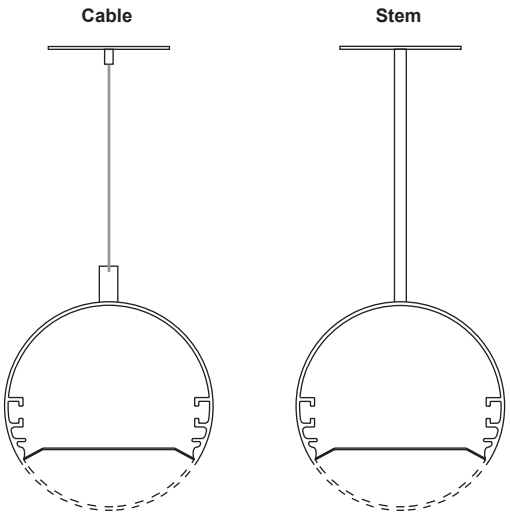
*Fixture can be customized: angle 45º, 90º, 135º, 180º (up light).
*Field adjustable using allen key (provided).



**WALL MOUNT**




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

Lutron Vive Integral
fixture control installation

**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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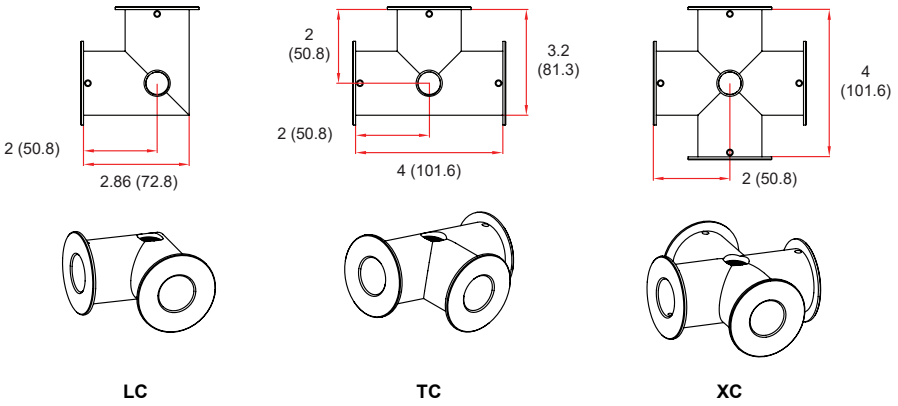
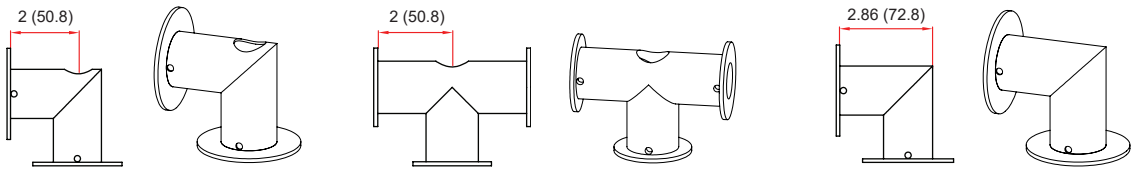
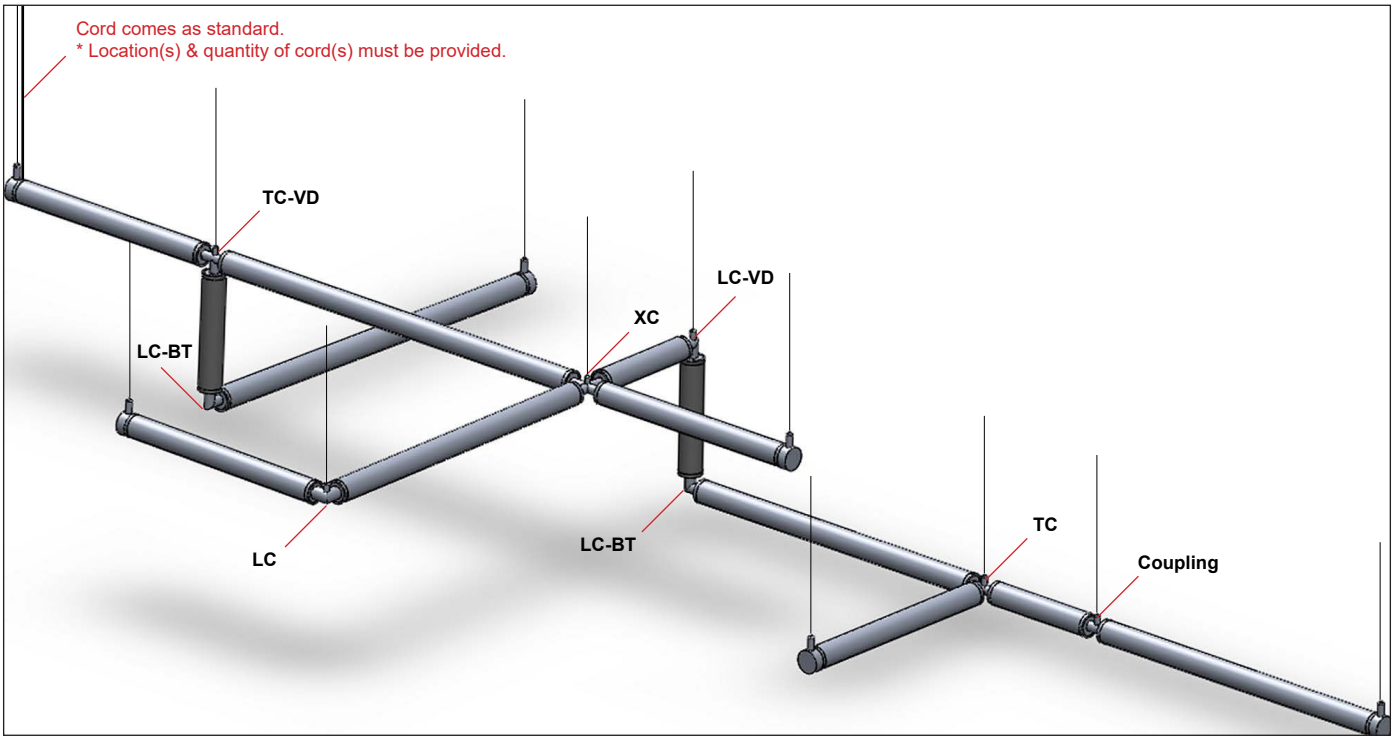



**LC** **TC** **XC**




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





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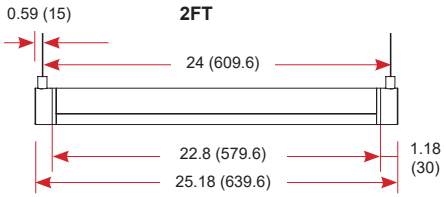
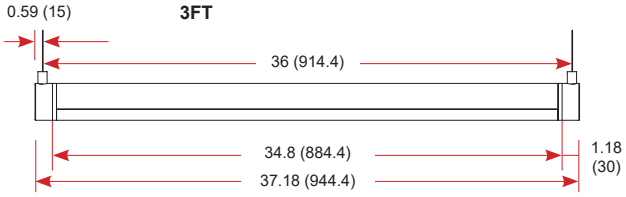
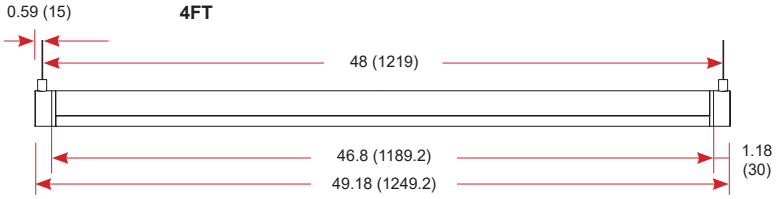
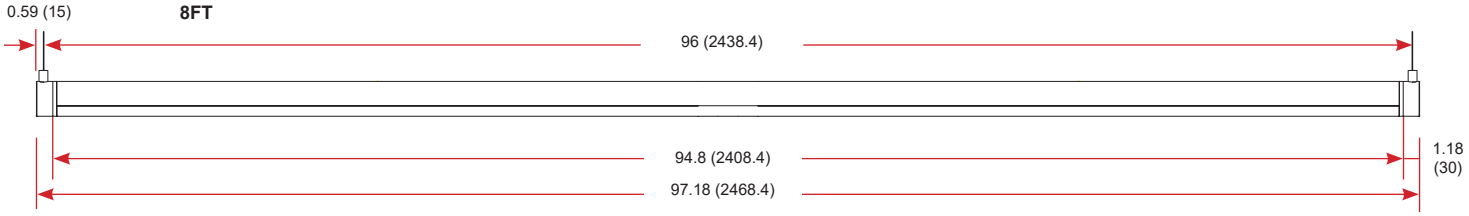


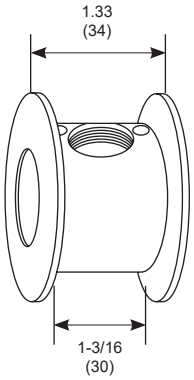




All dimensions are in inches (millimeters).

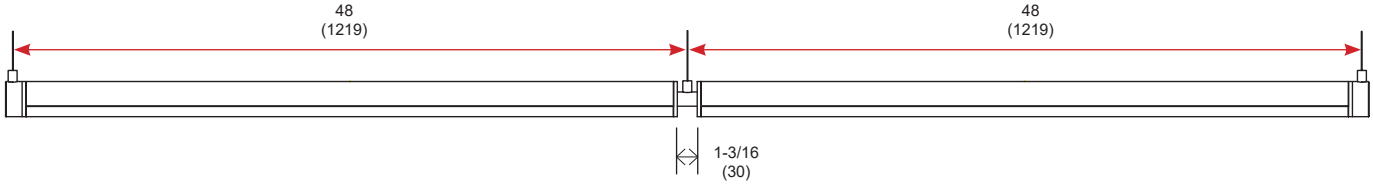



**Coupling**




**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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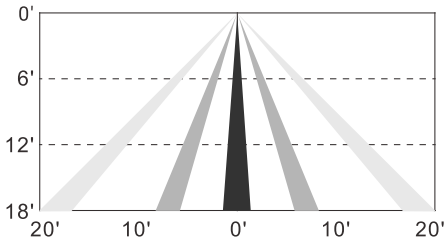
### COMPATIBLE DIMMER SWITCH (TABLE 1)

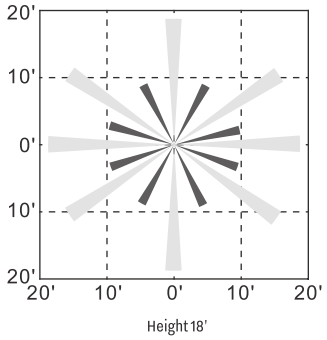
| Model # | Brand | Compatible Dimmer Switch | |
|---|---|---|---|
| (Blank) | - | <Leviton> | IllumaTech IP7 series |
| | | <Lutron> | Visit www.lutron.com/advance for a list of dimmers (Mark VII) that will work with this driver. |
| | | <Philips> | Sunrise : SR1200ZTUNV |
| ES566 | eldoLED SOLOdrive | <Busch-Jaeger> | 2112U-101 |
| | | <Jung> | 240-10 |
| | | <Leviton> | IllumaTech - IP710-DLX |
| | | <Lightoller Controls> | ZP600FAM120 |
| | | <Merten> | 5729 |
| | | <Pass & Seymour> | CD4FB-W |
| | | <Wattstopper> | DCLV1 |
| | | <Sensor Switch> | nIO EZ |
| | | <Synergy> | ISD BC |
| | | <ABB> | SD/S 2.16.1 |
| | | <Lutron> | Nova T: NTFTV<br>Diva - DVTV-xx, NFTV<br>GRAFIK Eye: GRX-TVI w GRX3503<br>Energy Savr Node: QSN-4T16-S<br>TVM2 Module |
| | | <Crestron> | GLX-DIMFLV8, GLXP-DIMFLV8, GLPAC-DIMFLV4-*, GLPAC-DIMFLVV8-*, GLPP-DIMFLVEX-PM, GLPP-1DIMFLV2EX-PM, GLPP-1DIMFLV3EX-PM, DIN-AO8, DIN-4DIMFLV4, CLS-EXP-DIMFLV, CLCI-1DIMFLV2EX |
| LDE1 | Lutron Hi-lume 1% EcoSystem | <Lutron> | PowPak Dimming Modules: RMJ-ECO32-DV-B, FCJ/FCJS-ECO [1, 2]<br>Energi Savr Node (120V only): QSN-1EC0-S, QSN-2ECO-S<br>GRAFIK Eye QS/Homeworks QS control unit (120V only): QSGRJ-_E(wireless) QSGR-_E<br>Quantum Hub (120V only): QP2-_ _2C/4C/6C/8C<br>Homeworks QS/myRoom Plus power module (120V only): LQSE-2ECO-D |
| PHSR [3] | Philips Xitanium Sensor-Ready | <Illumra> | Single Rocker Self-Powered Light Switch (on/off, dim-up/down)<br>Illumra# ZBT-S1AWH<br>Digi-Key# 1082-1033-ND<br>Dual Rocker Self-Powered Light Switch (on/off, dim-up/down, scene1,2)<br>Illumra# ZBT-S2AWH<br>Digi-Key# 1082-1034-ND |
| TDM | KEYSTONE | <Lutron> | Diva DV-600P, SkyLark S-600P, Ariadni AY-600P, Ariadni TG-603P, Maestro MA-600 (Digital), Diva CFL/LED DVCL-153P, Satin Colors DVSC-600P-SW |
| | | <Leviton> | 6641, IllumaTech IPI06-1LX, ToggleTouch TGI06-1LW (Digital) |
| ELV | KEYSTONE | <Lutron> | MAELV-600BL (Digital), DVELV-300P, SkyLark SELV-300P |

NOTES:
1. All devices connected to one FCJ/FCJS-ECO will be controlled together. Devices will dim to the same level as the result of a control command.
   For more detail on adjusting low-end light level refer to Application Note#556 at www.lutron.com.
2. For the Line/Hot (L/H) terminal on the driver, it is preferred not to use the switched hot (red) wire from the control but rather the hot wire directly from the power source.
3. Recommended for EasySense System.

**SIDE VIEW**




**TOP VIEW**




**ADPMS, IFS105SE coverage pattern**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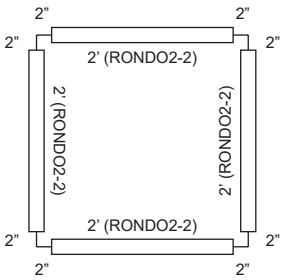
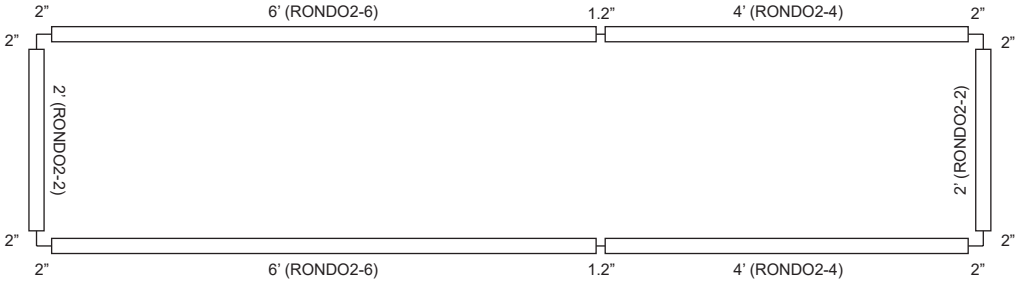
# RONDO2

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

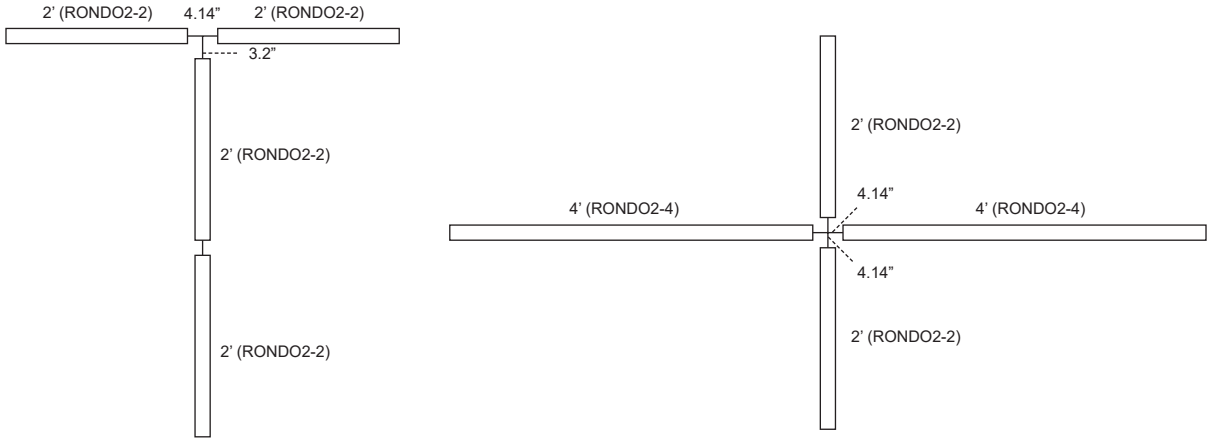
**2’4”-2’4” (Minimum)**




**10’5.2”-2’4” (Minimum)**




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





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## RONDO2 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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