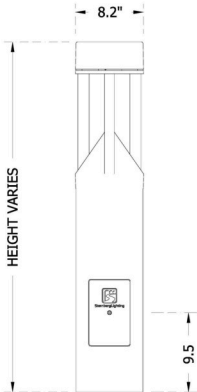


Project Name \_\_\_\_\_

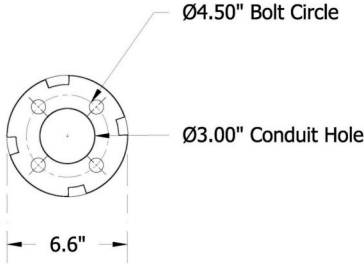
Qty \_\_\_\_\_

Type \_\_\_\_\_

Catalog / Part Number \_\_\_\_\_



RT4xx



Certifications



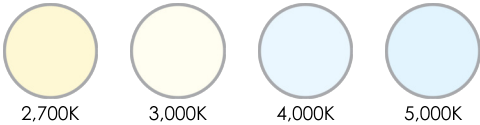
Finish



Distribution Type



CCT - Color Temp (K)



Description

The RT4xx Rialta® Bollard is a one-piece, cylindrical, three legged, open cage ground mounted luminaire designed to bring ambiance to any project by providing a performance lighting package in a vertical form. The 8" cast aluminum cage cylinder adds a luminous element that adds visual interest by illuminating from the top casting and giving the effect of moon light from within its cage form. The RT4xx can be configured with a choice of Clear Acrylic (CA) or Softvue (SV2) lenses, and IES types 5, 4, 3, 3R and 2 distribution with high efficiency and low wattage consumption.

Available in heights: 36", 42" and 48"

Features

|                                       |                                                                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                 | RT4: 8" Rialta, Open Body                                                                                                                                                          |
| Overall Height (In Inches)            | 36", 42", 48"                                                                                                                                                                      |
| Lens                                  | CA: Clear Acrylic<br>SV2: Flat SoftVue™ Moderate Diffused Acrylic                                                                                                                  |
| Optional Photocell                    | PCD: Electronic Button Photocontrol, mounted on an access door (120V-277V)<br>PCD4: Electronic Button Photocontrol, mounted on an access door (480V)                               |
| Optional Fuse                         | FHD: Double Fuse and Holder                                                                                                                                                        |
| Optional Receptacle                   | GFI LPIUC: 120V, 15 Amp Duplex GFCI receptacles with a low-profile in-use cover<br>USB LPIUC: 120V, 15 Amp Duplex USB/ Receptacle combo with a low-profile in-use cover (NON-GFCI) |
| Optional Fixed Dimming Resistor Board | FDRB: Fixed Dimming Resistor Board                                                                                                                                                 |

|                      |                                                                                                                                                                                                                                                                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Finish               | <b>UGMT:</b> Urban Gun Metal Textured<br><b>UGM:</b> Urban Gun Metal Matte<br><b>UBT:</b> Urban Bronze Textured<br><b>UB:</b> Urban Bronze Matte<br><b>USLT:</b> Urban Silver Textured<br><b>USL:</b> Urban Silver Matte<br><b>UWHT:</b> Urban White Textured<br><b>UWH:</b> Urban White Matte<br><b>BKT:</b> Black Textured<br><b>CM:</b> Custom Match |
| Light Source         |                                                                                                                                                                                                                                                                                                                                                         |
| LED                  | <b>26L:</b> 26 LEDs                                                                                                                                                                                                                                                                                                                                     |
| CCT - Color Temp (K) | <b>27:</b> 2,700K<br><b>30:</b> 3,000K<br><b>40:</b> 4,000K<br><b>50:</b> 5,000K                                                                                                                                                                                                                                                                        |
| Distribution Type    | <b>T2:</b> Type 2<br><b>T3:</b> Type 3<br><b>T3R:</b> Type 3R<br><b>T4:</b> Type 4<br><b>T5:</b> Type 5                                                                                                                                                                                                                                                 |
| Driver               | <b>MDL03:</b> 120V-277V, 350mA<br><b>MDH03:</b> 347V-480V, 350mA<br><b>MDL05:</b> 120V-277V, 525mA<br><b>MDH05:</b> 347V-480V, 525mA                                                                                                                                                                                                                    |

How to Order

| Model                          | Overall Height<br>(In Inches) | LED            | CCT - Color<br>Temp (K) | Distribution<br>Type | Driver                       | Lens                                                       | Optional<br>Photocell <sup>(1)</sup> <sup>(2)</sup>                                                                                                                                            | Optional Fuse <sup>(3)</sup>     | Optional<br>Receptacle <sup>(2)</sup><br><sup>(4)</sup>                                                                                                                                                                            | Optional Fixed<br>Dimming<br>Resistor Board   | Finish <sup>(5)</sup> <sup>(6)</sup>   |
|--------------------------------|-------------------------------|----------------|-------------------------|----------------------|------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------|
| RT4<br>8" Rialta,<br>Open Body | 36IN<br>36"                   | 26L<br>26 LEDs | 27<br>2,700K            | T2<br>Type 2         | MDL03<br>120V-277V,<br>350mA | CA<br>Clear Acrylic                                        | PCD<br>Electronic<br>Button<br>Photocontrol,<br>mounted on<br>an access<br>door (120V-<br>277V)<br><br>PCD4<br>Electronic<br>Button<br>Photocontrol,<br>mounted on<br>an access<br>door (480V) | FHD<br>Double Fuse<br>and Holder | GFI LPIUC<br>120V, 15<br>Amp Duplex<br>GFCI<br>receptacles<br>with a low-<br>profile in-use<br>cover<br><br>USB LPIUC<br>120V, 15<br>Amp Duplex<br>USB/<br>Receptacle<br>combo with<br>a low-profile<br>in-use cover<br>(NON-GFCI) | FDRB<br>Fixed<br>Dimming<br>Resistor<br>Board | UGMT<br>Urban Gun<br>Metal<br>Textured |
|                                | 42IN<br>42"                   |                | 30<br>3,000K            | T3<br>Type 3         | MDH03<br>347V-480V,<br>350mA | SV2<br>Flat<br>SoftVue™<br>Moderate<br>Diffused<br>Acrylic |                                                                                                                                                                                                |                                  |                                                                                                                                                                                                                                    |                                               | UGM<br>Urban Gun<br>Metal Matte        |
|                                | 48IN<br>48"                   |                | 40<br>4,000K            | T3R<br>Type 3R       | MDL05<br>120V-277V,<br>525mA |                                                            |                                                                                                                                                                                                |                                  |                                                                                                                                                                                                                                    |                                               | UBT<br>Urban Bronze<br>Textured        |
|                                |                               |                | 50<br>5,000K            | T4<br>Type 4         | MDH05<br>347V-480V,<br>525mA |                                                            |                                                                                                                                                                                                |                                  |                                                                                                                                                                                                                                    |                                               | UB<br>Urban Bronze<br>Matte            |
|                                |                               |                |                         | T5<br>Type 5         |                              |                                                            |                                                                                                                                                                                                |                                  |                                                                                                                                                                                                                                    |                                               | USLT<br>Urban Silver<br>Textured       |
|                                |                               |                |                         |                      |                              |                                                            |                                                                                                                                                                                                |                                  |                                                                                                                                                                                                                                    |                                               | USL<br>Urban Silver<br>Matte           |
|                                |                               |                |                         |                      |                              |                                                            |                                                                                                                                                                                                |                                  |                                                                                                                                                                                                                                    |                                               | UWHT<br>Urban White<br>Textured        |
|                                |                               |                |                         |                      |                              |                                                            |                                                                                                                                                                                                |                                  |                                                                                                                                                                                                                                    |                                               | UWH<br>Urban White<br>Matte            |
|                                |                               |                |                         |                      |                              |                                                            |                                                                                                                                                                                                |                                  |                                                                                                                                                                                                                                    |                                               | BKT<br>Black<br>Textured               |
|                                |                               |                |                         |                      |                              |                                                            |                                                                                                                                                                                                |                                  |                                                                                                                                                                                                                                    |                                               | CM<br>Custom<br>Match                  |

Notes:

1. Mounted 21" down from top of unit.

2. Requires 42" minimum bollard height.

3. Ships loose for installation in base.
4. Mounted at 18" above grade.

5. Smooth finishes are available upon request.

6. Custom colors require upcharge.

Specifications

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Installation       | <p>Four 5/8" diameter by 18" long, hot-dipped galvanized "L" type anchor bolts shall be provided for anchorage for the anchor plate, they will be mounted in a 4.5" bolt circle, Square pattern. The anchor plate will be made of 360 alloy die cast aluminum and is .75" thick. The plate includes a 3" diameter opening for conduit. The column covers the anchor plate and twist-locks into place creating a clean aesthetic. A door shall be provided for wiring and anchor bolt access. It will include tamper resistant stainless steel hardware. The system is factory grounded with the driver pre-wired to the baseplate.</p> <p><b>CONCRETE FOOTING DESIGN BY OTHERS</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Construction       | <p>The 8" pole shaft shall be made of ASTM 6063 extruded aluminum and tempered to a T6 condition.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Hardware           | <p>Includes Stainless steel hardware. Most finishes will include hardware with a Black Oxide conversion coating. Light finishes will get non-color coated hardware (<b>Whites and Silvers</b>)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Lens               | <p>Optional glare reducing SoftVue™ lens provides optimal visual comfort.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UL Listing         | <p>UL listed per UL1598 and CSA C22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Electronic Driver  | <p>The LED driver is UL recognized and will be securely mounted inside the fixture, for optimized performance and longevity. It will be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections for fixture installation and maintenance. It will have DC voltage output and be a constant current design. It runs at 50/60HZ and will have overload, overheat, and short circuit protection. It will be supplied with a supplemental line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It will be a high efficiency driver with a THD less than 20% and a high-power factor greater than .9. It will be dimming capable using a 0-10V signal, consult factory for more information.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NightSky® Friendly | <p>Dark sky design properties with a U0 BUG rating for specific configurations.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| IP Rating          | <p>IP66 rated luminaire for enhanced protection against dust and water intrusion.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Finish             | <p>Our 6 Stage Polyester Powder coat paint system offers a beautiful high-end finish that holds up to even the most extreme environments. Each part is inspected for quality and consistency before being released for shipment. Our system exceeds AAMA 2604, AAMA 2605, ASTM D523 and ASTM D4214 requirements.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Urban Finish       | <p>The Urban finish palette was created to highlight a modern, elegant aesthetic. All finishes are a 1 part powder coat with metallic flakes for a superior appearance. Finishes are available in textured or matte. Available finishes include: <b>Black Textured, Urban Gun Metal, Urban Bronze, Urban Silver and Urban White</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Custom Finish      | <p>Custom finishes are offered to adapt to any application.</p> <p><b>Custom Match</b> option is available to blend sternberg product with the site, consult factory for more information.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Warranty           | <p>7-year limited warranty. See Website for Terms and Conditions.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| LEDs               | <p>The LEDs in this system will be fully shielded in a direct downward position to maximize efficiency.</p> <p>The LEDs are mounted to maximize thermal transfer to the heat sink surface. The LEDs shall be 100% recyclable; not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. Lumen maintenance shall be determined in accordance with IESNA TM-21, based on LED manufacturer LM-80 test data of no less than 6,000 hours and in-situ testing of the luminaire by an NVLAP accredited Energy Efficient Lighting Products lab. The high-performance white LEDs will have a predicted lumen depreciation of approximately 100,000 hours with greater than 70% of initial output at 25°C. The high-brightness, high-output white LEDs shall be 4000K nominal (2700K, 3000K or 5000K optional) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom CCT or CRI. The luminaire shall have a minimum _____ (see table) delivered initial lumens when operated at steady state with an average ambient temperature of 25°C (77°F).</p> <p><b>CCT Lumen Derate Values from 4,000K</b></p> <p>2,700K (70+ CRI)=.82</p> <p>3,000K (70+ CRI)=.88</p> <p>5,000K (70+ CRI)=1.05</p> |
| Optics             | <p>The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type ____ (2, 3, 3R, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

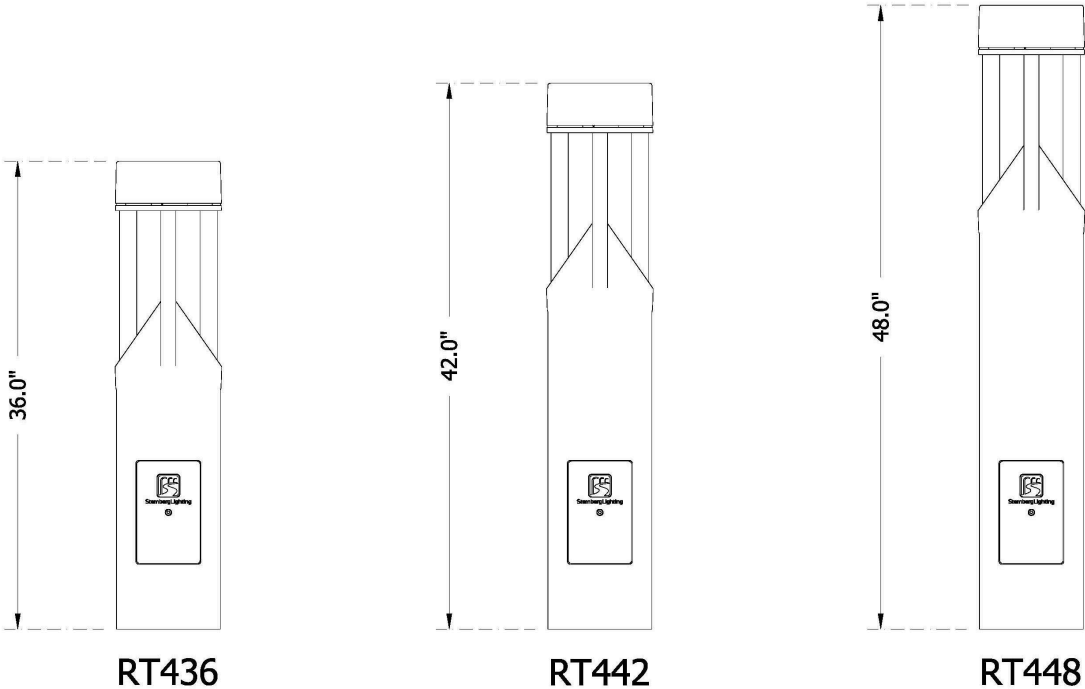
|                                     |                                                                                                                                                                                                                                                                                                 |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fixed Dimming Resistor Board (FDRB) | Optional numbered 10-step selector switch allows for fine adjustment of the light levels in the field, repeatable from location to location. Offers dimming from 25% to 100% of the original output. Enclosure is composite material, sealed to protect components for the life of the product. |
| Photocontrols                       | <b>Button Photocell (On Plate):</b> Optional photocontrol shall be mounted on a plate and installed on the pole shaft. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles.              |
| Receptacle                          | Optional 120V duplex 15A GFI ( <b>GFI LPIUC</b> ) or NON-GFI/5A USB combo duplex receptacle ( <b>USB LPIUC</b> ) installed in proprietary "Low-Profile" box with a lockable In-Use cover ( <b>lock not included</b> ).                                                                          |

Lumen Chart(s)

Tested with CA lens

| Model #         | T3<br>DELIVERED<br>LUMENS | BUG    | EFFICACY<br>(LPW) | T3R<br>DELIVERED<br>LUMENS | BUG    | EFFICACY<br>(LPW) | T4<br>DELIVERED<br>LUMENS | BUG    | EFFICACY<br>(LPW) | T5<br>DELIVERED<br>LUMENS | BUG    | EFFICACY<br>(LPW) | WATTAGE |
|-----------------|---------------------------|--------|-------------------|----------------------------|--------|-------------------|---------------------------|--------|-------------------|---------------------------|--------|-------------------|---------|
| 26L-40-T_-MD_05 | 3625                      | B2U1G2 | 74.0              | 3860                       | B1U1G1 | 78.8              | 3795                      | B1U1G1 | 77.4              | 3820                      | B2U1G2 | 78.0              | 49      |
| 26L-30-T_-MD_05 | 3405                      | B2U1G2 | 69.5              | 3625                       | B1U1G1 | 74.0              | 3565                      | B1U1G1 | 72.8              | 3590                      | B2U1G2 | 73.3              | 49      |
| 26L-27-T_-MD_05 | 2990                      | B2U1G2 | 61.0              | 3180                       | B1U1G1 | 64.9              | 3130                      | B1U1G1 | 63.9              | 3150                      | B2U1G2 | 64.3              | 49      |
| 26L-40-T_-MD_03 | 2560                      | B1U1G1 | 80.0              | 2735                       | B1U1G1 | 85.5              | 2770                      | B1U1G1 | 86.6              | 2685                      | B2U1G2 | 83.9              | 32      |
| 26L-30-T_-MD_03 | 2405                      | B1U1G1 | 75.2              | 2570                       | B1U1G1 | 80.3              | 2600                      | B1U1G1 | 81.3              | 2520                      | B2U1G2 | 78.8              | 32      |
| 26L-27-T_-MD_03 | 2110                      | B1U1G1 | 65.9              | 2255                       | B1U1G1 | 70.5              | 2285                      | B1U1G1 | 71.4              | 2215                      | B2U1G2 | 69.2              | 32      |

Dimensions



Options



Double Fuse Holder & (2) 3A Fuses  
(FHD)



Low-Profile In-Use Cover  
(GFI LPIUC/USB LPIUC)

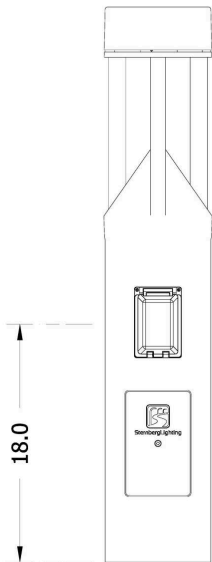


Button Photocell On Door (PCD)

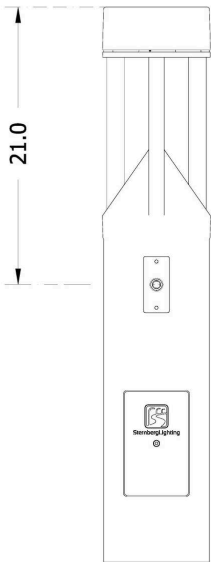


Fixed Dimming Resistor Board  
(FDRB)

Option Locations



RECEPTACLE



PHOTOCELL