



# RT403 RIALTA SERIES

LED COLUMN

**DIMENSIONS**  
8" Ø  
6' to 18' TALL

**7 YEAR WARRANTY**

**LUMEN RANGE**  
1700 to 2945

**LIFE SPAN**  
L70  
MINIMUM  
100,000  
HOURS

**UL LISTED**

**CLICK FOR FAQ'S**

**IP RATING**  
IP 66

JOB NAME \_\_\_\_\_

FIXTURE TYPE \_\_\_\_\_

MEMO \_\_\_\_\_

## BUILD A PART NUMBER

ORDERING EXAMPLE: RT403-26L45T5-MDLO3-SV2/BKT

Mounting Configuration	Overall Height (In Feet)*	Fixture	LED	CCT	Distribution Type	Driver	Lens	Option Control Receptacle	Option Control	Option Fuse	Option Receptacle	Finish

### Mounting Configuration

(Click here to link to mounting configuration specification page)

- PT
- PT = Post Top

### Overall Height (In Feet)

- \_\_\_' (Available from 6' to 18')

### Fixture

- RT403

### LED

- 26L

### CCT - Color Temperature (K)

- 27(00)
- 30(00)
- 40(00)
- 50(00)

### Distribution Type

- T2
- T3
- T3R
- T4
- T5

### Driver

- MDLO3 (120V-277V, 350mA)
- MDH03 (347V-480V, 350mA)
- MDLO5 (120V-277V, 525mA)
- MDH05 (347V-480V, 525mA)

### Lens

- CA (Clear Acrylic)
- SV2 (Flat Soft Vue Moderate Diffused Acrylic)

### Options (Click here to view paint options sheet)

- R 3-Pin control receptacle only
- R5 5-Pin control receptacle only
- R7 7-Pin control receptacle only
- PE1 Twist-Lock Photocontrol (120V-277V)
- PE41 Twist-Lock Photocontrol (347V-480V)
- SC1 Shorting Cap

- PCD Electronic Button Photocontrol mounted on access door (120V-277V)
- PCD4 Electronic Button Photocontrol mounted on access door (480V)
- FHD<sup>2</sup> Double Fuse and Holder
- GFI LPIUC 15 Amp duplex GFCI receptacles with a low-profile in-use cover
- GFI IUC 15 Amp duplex GFCI receptacles with a standard in-use cover
- USB LPIUC 15 Amp duplex USB/Receptacle combo with a low-profile in-use cover (NON-GFI)
- USB IUC 15 Amp duplex USB/Receptacle combo with a standard in-use cover (NON-GFI)

<sup>1</sup>Requires control receptacle.  
<sup>2</sup>Ships loose for installation in base.

### Finish

#### Standard Urban Finishes

(Click here to view paint finish sheet)

- UGMT Gun Metal Textured
- UGM Gun Metal Matte
- UBT Urban Bronze Textured
- UB Urban Bronze Matte
- USLT Urban Silver Textured
- USL Urban Silver Matte
- UWHT Urban White Textured
- UWH Urban White Matte
- BKT Black Textured

#### Custom Urban Finish<sup>3</sup>

- CM Custom Match

<sup>3</sup>Custom colors require upcharge.

## Specifications

### General

The RIALTA® RT403 luminaire in a cylindrical, three legged, open cage post top mounted luminaire designed to bring ambiance to any project by providing a performance lighting

package in a vertical form. The luminaire body is fabricated with aluminum parts. The main shaft member is alum 6063. and the sand-cast fixture bodies are aluminum 356. The fasteners are 18-8 stainless steel. The 8" cast aluminum cage cylinder adds a three foot high 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 RT403 uses one round LED array configuration with a choice of Clear Acrylic or SV2 lens to deliver IES types 5, 4, 3, 3R and 2 distribution with high efficiency and low wattage consumption. A variety of LED color temperatures are available. A choice of several popular polyester powder coat colors is also available. The Luminaire shall be UL listed in US and Canada

### LEDs

The luminaire shall use high output, high brightness LEDs. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The arrays shall be roof mounted to minimize up-light. The LEDs and printed circuit boards shall be 100% recyclable; they shall also be protected from moisture and corrosion by a conformal coating. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LEDs will have a life expectancy of approximately 100,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LEDs shall be 4000K (2700K, 3000K, or 5000K option) color temperature with a minimum CRI of 70. Consult factory for custom color CCT. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial

See next page



SternbergLighting

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lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

### Optics

The luminaire shall be provided with individual, collimating type optics applied to each LED. The luminaire shall provide a symmetric distribution with near perfect surface brightness and uniformity.

### Electronic Driver

The LED driver shall be U.L. Recognized. It shall be remotely mounted inside the pole base. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload as well as short circuit protection, and have a DC voltage output, constant current design, and suitable for 50/60Hz supplies. It shall be supplied with line-ground, line-neutral, neutral-ground electrical surge protection in accordance with IEEE/

ANSI C62.41.2. It shall be dimmable using a 0-10V signal, consult factory for more information.

### Installation

Four 5/8" diameter hot-dipped galvanized "L" type anchor bolts shall be provided for anchorage. They shall be mounted in 4 1/2" diameter bolt circle. A door shall be provided for wiring and anchor bolt access. It shall be secured with stainless steel hardware. Post will be provided with a grounding stud mounted behind the access door.

### Photocontrols

**Button Style:** The photocontrol shall be mounted under the luminaire. Wire control to driver using installation instruction provided (or available separately from website). The electronic button type photocontrol is instant on at 1.5 footcandles with a 2-5 second turn off at 2-3 footcandles. The photocontrol is 120-277 volt and warranted for 8 years.

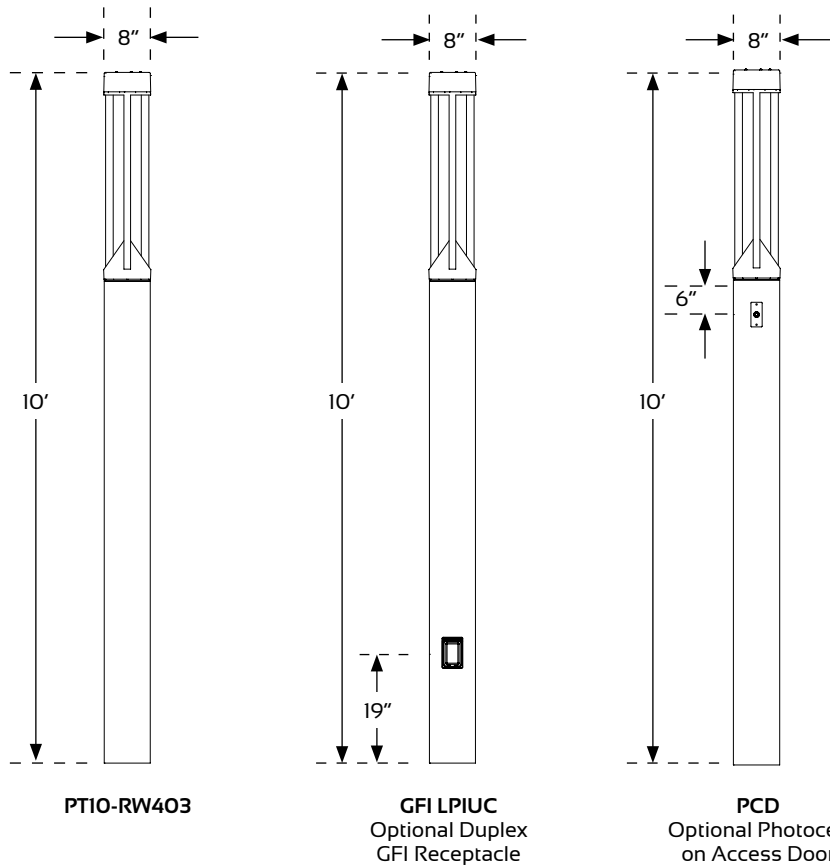
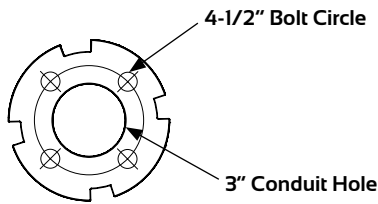
**Twist-Lock Style:** The photocontrol shall be mounted externally on the fixture. Wire control to driver using installation instructions provided (or available separately from website). The twist lock type photocontrol is instant with a 3-6 second turn off, and shall turn on at 1.3-1.7 footcandles with a turn off at 2-3 footcandles. The photocontrol is 120-277 volt and has an 8 year warranty.

### Warranty

Seven-year limited warranty. See product and finish warranty guide for details.

### Finish

Refer to website for details.



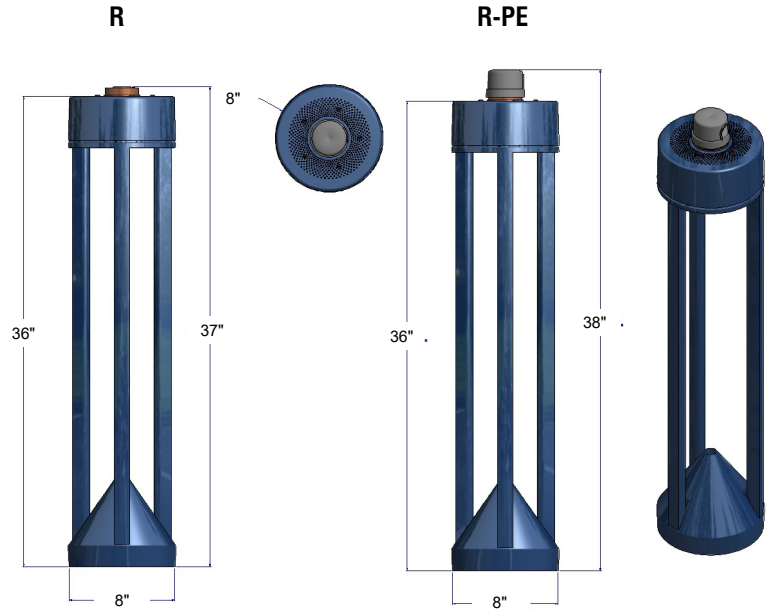
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## Post Top Mounting Details



## Options



## Performance

MODEL #	T2 LUMENS	BUG	EFFICACY (LPW)	T3 LUMENS	BUG	EFFICACY (LPW)	T3R LUMENS	BUG	EFFICACY (LPW)	T4 LUMENS	BUG	EFFICACY (LPW)	T5 LUMENS	BUG	EFFICACY (LPW)	WATTS
RT403CA-26L45T_MDL05	3825	B2U0G2	78.1	3710	B2U0G2	75.7	3915	B1U0G1	79.9	3835	B1U0G1	78.3	3765	B2U0G2	76.8	49
RT403CA-26L35T_MDL05	3590	B2U0G2	73.3	3485	B1U0G1	71.1	3675	B1U0G1	75.0	3600	B1U0G1	73.5	3535	B2U0G2	72.1	49
RT403CA-26L27T_MDL05	3155	B1U0G1	64.4	3060	B1U0G1	62.4	3225	B1U0G1	65.8	3160	B1U0G1	64.5	3105	B2U0G2	63.4	49
RT403CA-26L45T_MDL03	2700	B1U0G1	84.4	2630	B1U0G1	82.2	2760	B1U0G1	86.3	2710	B1U0G1	84.7	2665	B2U0G2	83.3	32
RT403CA-26L35T_MDL03	2535	B1U0G1	79.2	2470	B1U0G1	77.2	2590	B1U0G1	80.9	2545	B1U0G1	79.5	2505	B2U0G2	78.3	32
RT403CA-26L27T_MDL03	2225	B1U0G1	69.5	2170	B1U0G1	67.8	2275	B1U0G1	71.1	2235	B1U0G1	69.8	2195	B2U0G2	68.6	32
RT403SV2-26L45T_MDL05	3440	B1U0G1	70.2	3370	B1U0G1	68.8	3465	B1U0G1	70.7	3380	B1U0G1	69.0	3400	B2U0G2	69.4	49
RT403SV2-26L35T_MDL05	3230	B1U0G1	65.9	3165	B1U0G1	64.6	3255	B1U0G1	66.4	3175	B1U0G1	64.8	3195	B2U0G2	65.2	49
RT403SV2-26L27T_MDL05	2835	B1U0G1	57.9	2780	B1U0G1	56.7	2855	B1U0G1	58.3	2785	B1U0G1	56.8	2805	B2U0G2	57.2	49
RT403SV2-26L45T_MDL03	2420	B1U0G1	75.6	2370	B1U0G1	74.1	2435	B1U0G1	76.1	2390	B1U0G1	74.7	2390	B1U0G1	74.7	32
RT403SV2-26L35T_MDL03	2275	B1U0G1	71.1	2225	B1U0G1	69.5	2285	B1U0G1	71.4	2245	B1U0G1	70.2	2245	B1U0G1	70.2	32
RT403SV2-26L27T_MDL03	1995	B1U0G1	62.3	1955	B1U0G1	61.1	2005	B1U0G1	62.7	1970	B1U0G1	61.6	1970	B1U0G1	61.6	32



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