



# RW402 RIALTA SERIES

LED COLUMN

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

**7 YEAR WARRANTY**

**LUMEN RANGE**  
2380 to 3975

**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: **PT10-RW402-28L45TS-MDLO3/BKT**

Mounting Configuration	Overall Height (In Feet)*	Fixture	LED	CCT	Distribution Type	Driver	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

- RW402

### LED

- 28L

### CCT - Color Temperature (K)

- 27(00) • 30(00) • 40(00) • 50(00)

### Distribution Type

- TS (Symmetric)

### Driver

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

### 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
- PE<sup>1</sup> Twist-Lock Photocontrol (120V-277V)
- PE4<sup>1</sup> Twist-Lock Photocontrol (347V-480V)
- SC<sup>1</sup> Shorting Cap
- PEC Electronic Button Photocontrol (120V-277V)
- PEC4 Electronic Button Photocontrol (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
- ULBT Urban Light Bronze Textured
- ULB Urban Light Bronze Matte
- USLT Urban Silver Textured
- USL Urban Silver Matte
- UWHT Urban White Textured
- UWH Urban White Matte
- UCHS Urban Champagne Satin Smooth
- BKT Black Textured

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

- CM Custom Match

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

## Specifications

### General

The RW402 is a cylindrical luminaire offered in a Post Top configuration. Designed to bring ambiance to any project by providing a performance lighting package in a vertical form. The 8" cylinder adds a 2' high luminous element. The RW402 uses 2 LED board configuration

to deliver a symmetrical IES distribution. The luminaire shall be UL listed in the US and Canada.

### LED's

The luminaire shall use high output, high brightness LED's. 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 LED's 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 LED's 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 LED's 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 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.

See next page

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## 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.

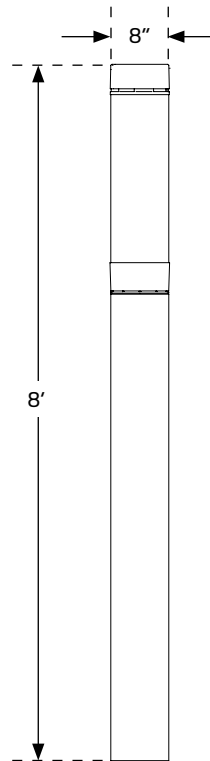
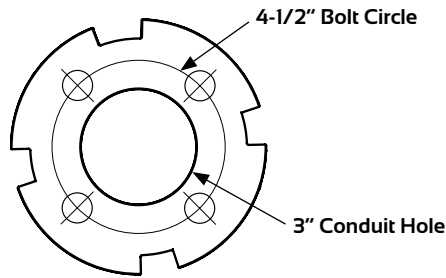
**Twist-Lock Style:** The photocontrol shall be mounted externally on the fixture. Wire control to driver using installation instructions provided (or available separately from website). The twist lock type photocontrol is instant with a 3-6 second turn off, and shall turn on at 1.3-1.7 footcandles with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

## Warranty

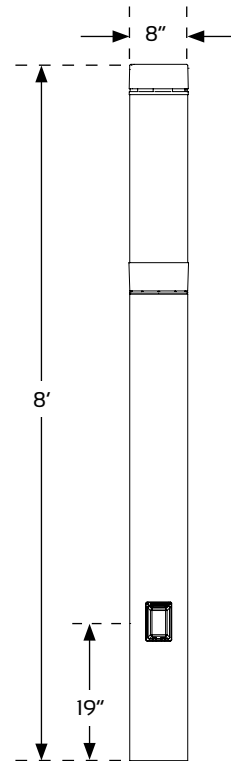
Seven-year limited warranty. See product and finish warranty guide for details.

## Finish

Refer to website for details.

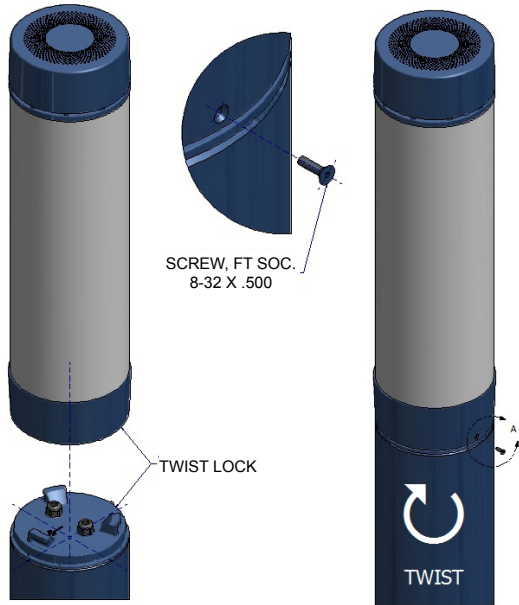


PT8-RW402

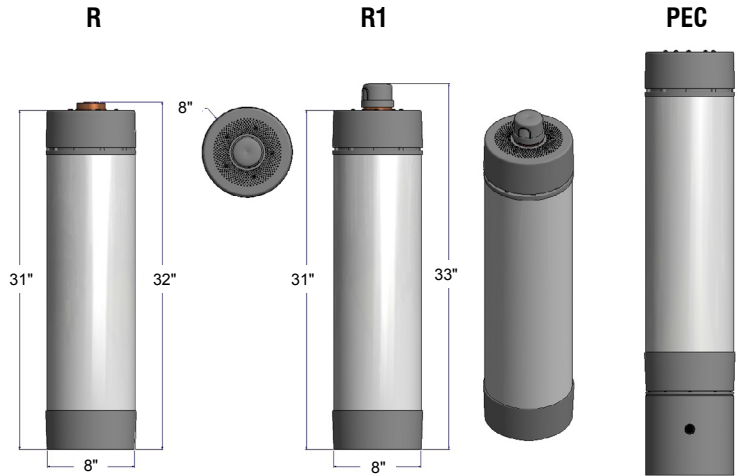


GFI LPIUC  
Optional Duplex  
GFI Receptacle

## Post Top Mounting Details



## Options



## Performance

Model #	TS LUMENS	EFFICACY (LPW)	WATTAGE
28L45TS-MDL05	3975	76.4	52
28L35TS-MDL05	3730	71.7	52
28L27TS-MDL05	3270	62.9	52
28L45TS-MDL03	2890	80.3	36
28L35TS-MDL03	2710	75.3	36
28L27TS-MDL03	2380	66.1	36