



# RW402 RIALTA SERIES

LED COLUMN

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

**7 YEAR WARRANTY**

**LUMEN RANGE**  
2260 to 3975

**LUMEN MAINTENANCE**  
L70  
MINIMUM  
100,000  
HOURS

**UL LISTED**

**CLICK FOR FAQ'S**

**IP RATING**

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

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

MEMO \_\_\_\_\_

## BUILD A PART NUMBER

ORDERING EXAMPLE: **PT10-RW402-28L40TS-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)

- 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 an access door (120V-277V)
- PCD4 Electronic Button Photocontrol, mounted on an access door (480V)
- FHD2 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 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 luminaire body is fabricated with aluminum parts. The main shaft member is alum 6063. and the sandcast fixture bodies are aluminum 356. The fasteners are 18-8 stainless steel. 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.

### LEDs

The luminaire shall use high output, high brightness LEDs. 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).

### 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

*See next page*



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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.

**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

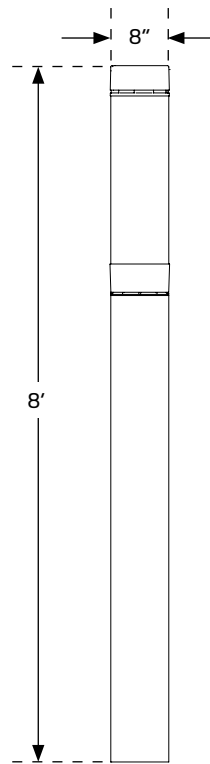
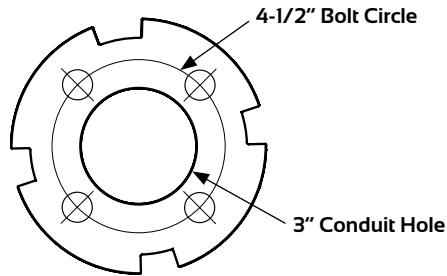
footcandles with a turn off at 2-3 footcandles. The photocontrol is 120-277 volt.

### Warranty

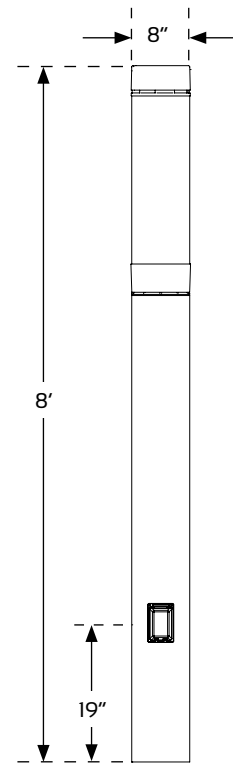
Seven-year limited warranty. See product and finish warranty guide for details.

### Finish

Refer to website for details.

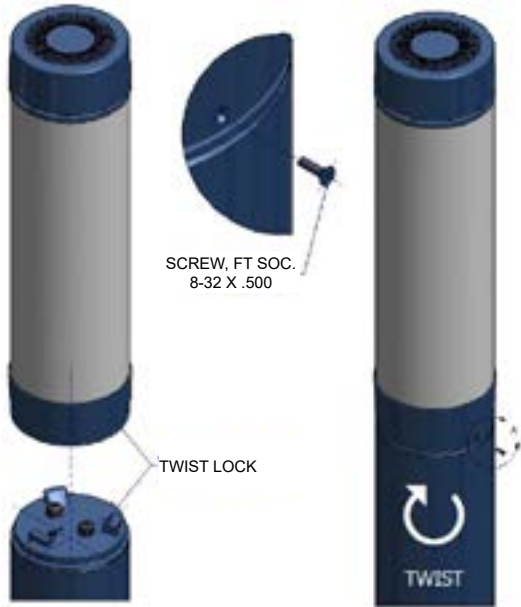


PT8-RW402

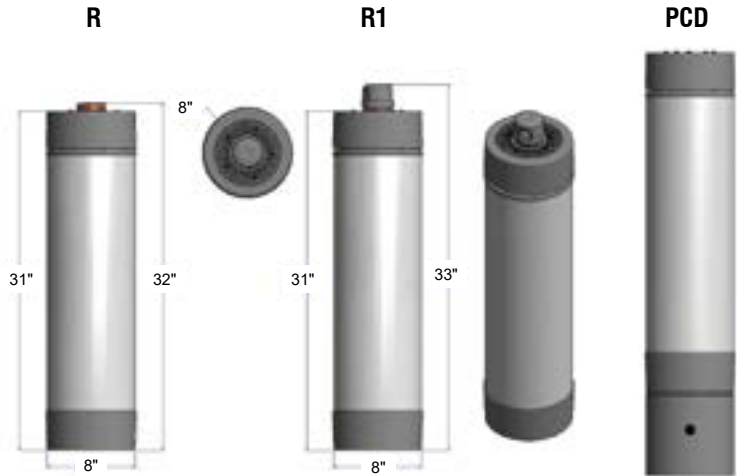


GFI LPIUC  
Optional Duplex  
GFI Receptacle

## Post Top Mounting Details



## Options



## Performance

| Model #       | TS LUMENS | EFFICACY (LPW) | WATTAGE |
|---------------|-----------|----------------|---------|
| 28L40TS-MDL05 | 3975      | 76.4           | 52      |
| 28L30TS-MDL05 | 3315      | 63.8           | 52      |
| 28L27TS-MDL05 | 3110      | 59.8           | 52      |
| 28L40TS-MDL03 | 2890      | 80.3           | 36      |
| 28L30TS-MDL03 | 2410      | 66.9           | 36      |
| 28L27TS-MDL03 | 2260      | 62.8           | 36      |