



RW3xx RIALTA BOLLARD

LED BOLLARDS

DIMENSIONS
6" Ø
36" to 48" TALL

7 YEAR WARRANTY

LUMEN RANGE
1890 to 2050

LIFE SPAN
L70
MINIMUM
100,000 HOURS

UL LISTED

CLICK FOR FAQ's

JOB NAME _____

FIXTURE TYPE _____

MEMO _____

BUILD A PART NUMBER

ORDERING EXAMPLE: **RW3-36-6L40TS-MDL05/BKT**

Model	Overall Height (In Inches)	LED	CCT	Distribution Type	Driver	Option Photocell	Option Fuse	Option Receptacle	Finish

Model

- RW3

Overall Height (In Inches)

- 36 • 42 • 48

LED

- 6L

CCT - Color Temperature (K)

- 27(00) • 30(00) • 35(00)
- 40(00) • 50(00)

Distribution Type

- TS (Symmetric)

Driver

- MDL05 (120V-277V, 480mA)
- MDH05 (347V-480V, 480mA)

Options (Click here to view paint options sheet)

- PCD Electronic Button Photocontrol, mounted on an access door (120V-277V)
- PCD4 Electronic Button Photocontrol, mounted on an access door (480V)
- FHD¹ Double Fuse and Holder
- GFI LPIUC² 15 Amp duplex GFCI receptacles with a low-profile in-use cover
- GFI IUC³ 15 Amp duplex GFCI receptacles with a standard in-use cover
- USB LPIUC³ 15 Amp duplex USB/Receptacle combo with a low-profile in-use cover (NON-GFI)
- USB IUC³ 15 Amp duplex USB/Receptacle combo with a standard in-use cover (NON-GFI)

¹ Ships loose for installation in base.
² GFI mounting height 3.5" for 36" overall height.
³ Only for 42" and 48" overall height.

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 Finish⁴

- CM Custom Match

⁴ Custom colors require upcharge.

Specifications

General

The RW3xx bollard is a cylindrical luminaire offered in a variety of heights. 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 6" bollard adds a 15" high luminous element. The RW3xx uses a Six LED board configuration to deliver a symmetrical distribution with high efficiency and low wattage consumption. 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 LEDs and printed circuit boards shall be 100% recyclable; they shall also be

protected from moisture and corrosion by a conformal coating of 1 to 3 mils. 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 LED's shall be 5000K (4500K, 3000K, 3500K or 2700K 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.

Electronic Driver

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the bollard, for optimized performance and longevity. 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, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be dimmable using a 0-10V signal. The driver shall have a minimum efficiency of 88%.

See next page

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Installation

Four 5/8" diameter, hot-dipped galvanized "L" type anchor bolts shall be provided with the post for anchorage, they shall be mounted in a 3-1/4" bolt circle. A door shall be provided for wiring and anchor bolt access. It shall be secured with tamper proof stainless steel hardware. Post will be provided with a grounding stud mounted behind the access door.

Photocontrols

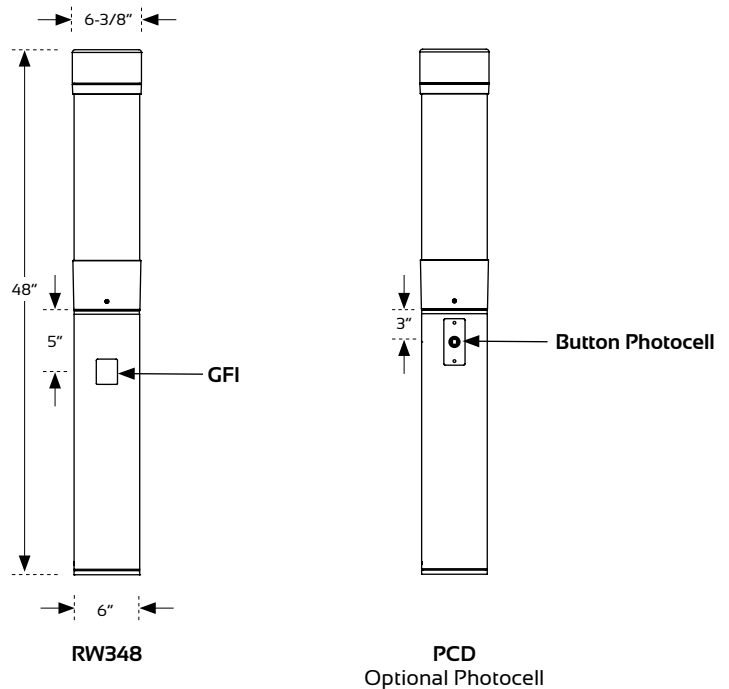
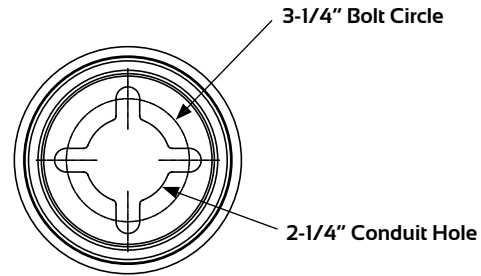
Button Style: The photocontrol shall be mounted on an access door and pre-wired to driver. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

Warranty

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

Finish

Refer to website for details.



Performance

Model #	TS LUMENS	EFFICACY (LPW)	WATTAGE
RW3xx-6L40TS-MDL05	2050	46.6	44
RW3xx-6L30TS-MDL05	1955	44.4	44
RW3xx-6L27TS-MDL05	1890	43.0	44