



RW4xx RIALTA BOLLARD

LED BOLLARDS

DIMENSIONS
8" Ø
36" to 48"
TALL

7 YEAR WARRANTY

LUMEN RANGE
2535 to
4430

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: **RW436-28L40TS-MDL03/BKT**

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

Model

- RW4

Overall Height (In Inches)

- 36
- 42
- 48

LED

- 28L

CCT - Color Temperature (K)

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

Distribution Type

- TS (Symmetric)

Driver

- MDL03 (120V-277V, 350mA)
- MDH03 (347V-480V, 350mA)
- MDL05 (120V-277V, 525mA)
- MDH05 (347V-480V, 525mA)

Options (Click here to view accessories 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 LPIUC 15 Amp duplex GFCI receptacles with a low-profile in-use cover
- USB LPIUC 15 Amp duplex USB/Receptacle combo with a low-profile in-use cover (NON-GFI)

¹ 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 Finish²

- CM Custom Match

² Custom colors require upcharge.

Specifications

General

The RIALTA® RW4xx bollard is a cylindrical ground 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 sandcast fixture bodies are aluminum 356. The fasteners are 18-8 stainless steel. The 8" acrylic cylinder adds a one foot high luminous element with near perfect surface brightness and uniformity. The RW4xx uses a two arc LED configuration to deliver IES type 5 distributions with high efficiency and low wattage consumption. A variety of LED color temperatures are available. A choice of several popular polyester powder coat colors are also available. The Luminaire shall be UL listed in 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 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.

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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%.

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 4-1/2" 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

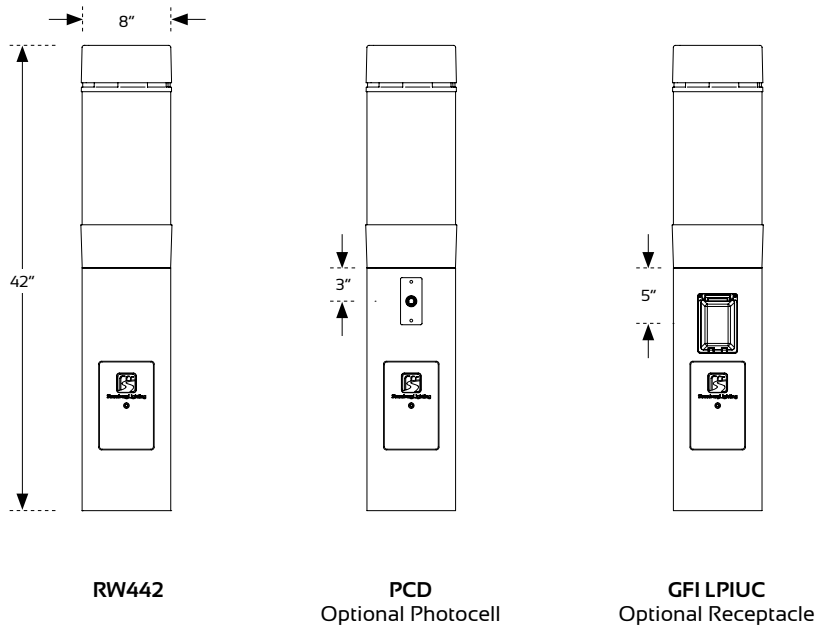
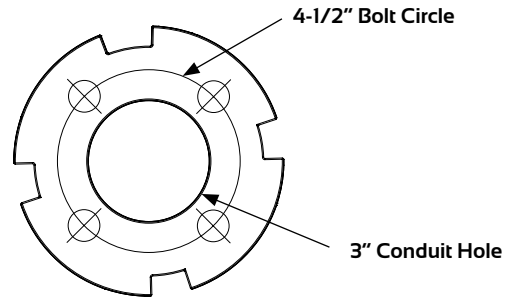
Button Style: The photocontrol shall be mounted on an access door and pre-wired to driver. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt.

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
28L40TS-MDL05	4430	88.6	50
28L30TS-MDL05	3690	73.8	50
28L27TS-MDL05	3465	69.3	50
28L40TS-MDL03	3240	95.3	34
28L30TS-MDL03	2700	79.4	34
28L27TS-MDL03	2535	74.6	34