



RT4xx RIALTA BOLLARD

LED BOLLARDS

DIMENSIONS
8" Ø
36" to 48" TALL

7 YEAR WARRANTY

LUMEN RANGE
1995 to 3820

LIFE SPAN
L70
MINIMUM
100,000 HOURS

UL LISTED

CLICK FOR FAQ's

JOB NAME _____

FIXTURE TYPE _____

MEMO _____

BUILD A PART NUMBER

ORDERING EXAMPLE: RT4-36-6L4OTS-MDL05/BKT

Model	Overall Height (In Inches)	LED	CCT	Distribution Type	Driver	Lens	Option Photocell	Option Fuse	Option Ground Fault Breaker	Finish

Model

- RT4

Overall Height (In Inches)

- 36
- 42
- 48

LED

- 26L

CCT - Color Temperature (K)

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

Distribution Type

- T2
- T3
- T3R
- T4
- T5

Driver

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

Lens

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

Options (Click here to view accessories sheet)

- PCD¹ Electronic Button Photocontrol, mounted on an access door (120V-277V)
- PCD4¹ 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

¹Accessory requires 42" minimum height.

²Ships 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 Finish³

- CM Custom Match

³Custom colors require upcharge.

Specifications

General

The RT4xx bollard is a three legged, open cage, cylindrical column 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 8" bollard adds a 12" high open body section that adds visual interest by illuminating from the top casting and giving the effect of moon light from within its cage form. The RT4xx 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. 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 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 LEDs shall be 5000K (4000K, 3000K 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, refractor type optics applied to each LED. The luminaire shall provide Type ____ (2, 3, 3R, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

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, overheat and

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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 a high efficiency driver with a THD less than 20% and a high power factor greater than .9. It shall be dimming capable 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 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

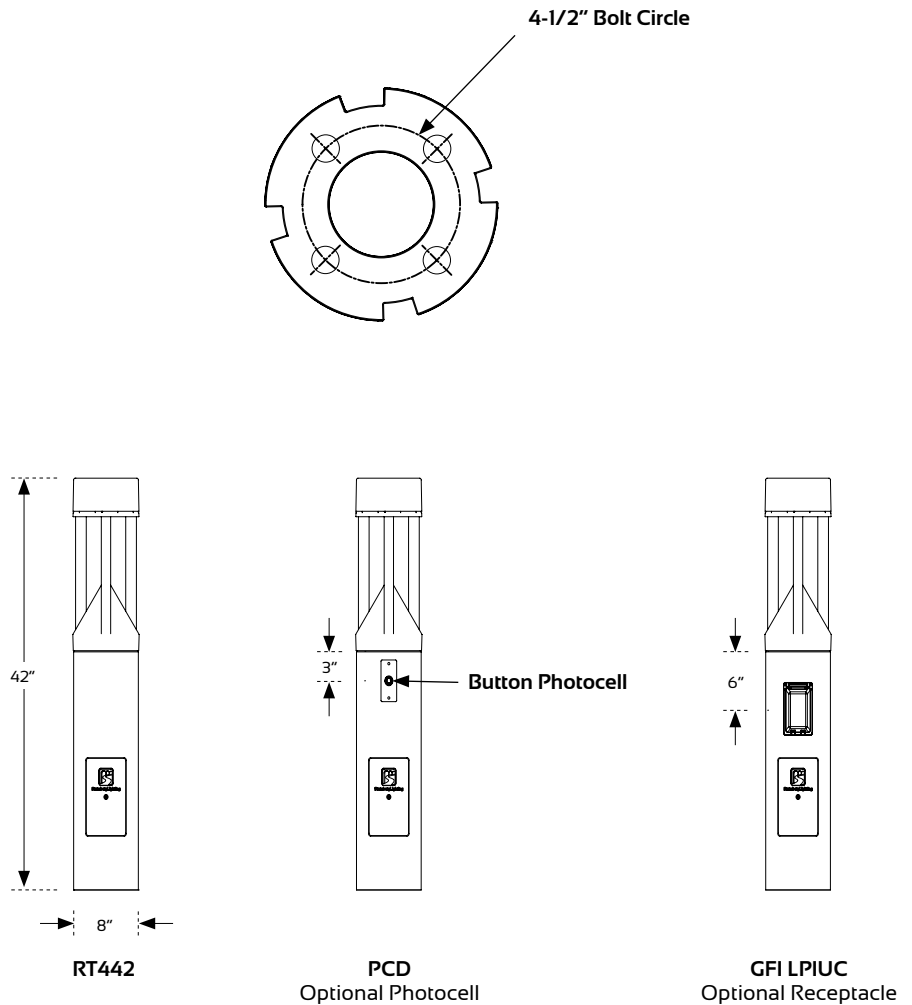
Button Style: The photocontrol shall be mounted on an access door and pre-wired to driver. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

Warranty

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

Finish

Refer to website for details.



Performance

MODEL #	T3 DELIVERED LUMENS	EFFICACY (LPW)	T3R DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
RT436CA-26L27T_-MD_03	1995	64.5	2130	68.8	2160	69.7	2095	67.6	31
RT436CA-26L35T_-MD_03	2280	73.6	2430	78.5	2465	79.6	2390	77.1	31
RT436CA-26L45T_-MD_03	2560	82.6	2735	88.2	2770	89.4	2685	86.7	31
RT436CA-26L27T_-MD_05	2825	60.2	3010	64.0	2955	62.9	2980	63.4	47
RT436CA-26L35T_-MD_05	3225	68.7	3435	73.1	3375	71.8	3400	72.4	47
RT436CA-26L45T_-MD_05	3625	77.1	3855	82.1	3790	80.7	3820	81.3	47