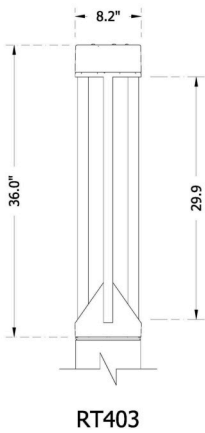


Project Name

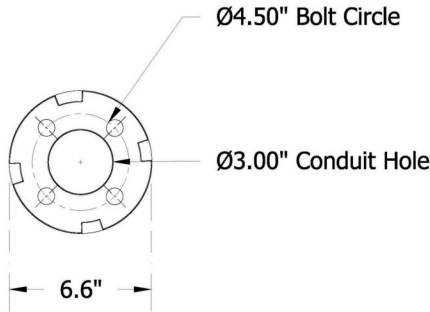
Qty

Type

Catalog / Part Number



RT403



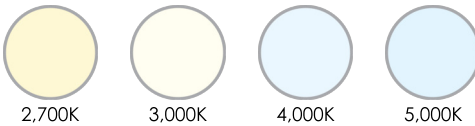
Certifications



Distribution Type



CCT - Color Temp (K)



Finish



Description

The RT403 Rialta® column is a cylindrical, three legged, open cage post top mounted column designed to bring ambiance to any project by providing a performance lighting package in a vertical form. The 8" cast aluminum cage cylinder adds a three foot high luminous element that adds visual interest by illuminating from the top casting and giving the effect of moon light from within its cage form. The RT403 can be configured with a choice of Clear Acrylic (CA) or Softvue (SV2) lenses, and IES types 5, 4, 3, 3R and 2 distribution with high efficiency and low wattage consumption.

Available in heights: 6' to 18' in 1' increments.

Features

Mounting Configuration	PT: Post Top
Height (in feet)	6', 7', 8', 9', 10', 11', 12', 13', 14', 15', 16', 17', 18'
Fixture	RT403: 8" Rialta, Open Body
Lens	CA: Clear Acrylic SV2: Flat SoftVue™ Moderate Diffused Acrylic
Optional Control Receptacle	R7: 7-Pin control receptacle only
Optional Control	PE: Twist-Lock Photocontrol (120V-277V) PE4: Twist-Lock Photocontrol (347V-480V) SC: Shorting Cap PCD: Electronic Button Photocontrol, mounted on an access door (120V-277V) PCD4: Electronic Button Photocontrol, mounted on an access door (480V)
Optional Fuse	FHD: Double Fuse and Holder
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board

Optional Receptacle	GFI LPIUC: 120V, 15 Amp Duplex GFCI receptacles with a low-profile in-use cover USB LPIUC: 120V, 15 Amp Duplex USB/ Receptacle combo with a low-profile in-use cover (NON-GFCI)
Finish	UGMT: Urban Gun Metal Textured UGM: Urban 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 CM: Custom Match

Light Source

LED	26L: 26 LEDs
CCT - Color Temp (K)	27: 2,700K 30: 3,000K 40: 4,000K 50: 5,000K
Distribution Type	T2: Type 2 T3: Type 3 T3R: Type 3R T4: Type 4 T5: Type 5
Driver	MDL03: 120V-277V, 350mA MDH03: 347V-480V, 350mA MDL05: 120V-277V, 525mA MDH05: 347V-480V, 525mA

How to Order

Mounting Configuration	Height (in feet)	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
PT Post Top	06FT 6'	RT403 8" Rialta, Open Body	26L 26 LEDs	27 2,700K	T2 Type 2	MDL03 120V-277V, 350mA	CA Clear Acrylic SV2 Flat SoftVue™ Moderate Diffused Acrylic
	07FT 7'			30 3,000K	T3 Type 3	MDH03 347V-480V, 350mA	
	08FT 8'			40 4,000K	T3R Type 3R	MDL05 120V-277V, 525mA	
	09FT 9'			50 5,000K	T4 Type 4	MDH05 347V-480V, 525mA	
	10FT 10'				T5 Type 5		
	11FT 11'						
	12FT 12'						
	13FT 13'						
	14FT 14'						
	15FT 15'						
	16FT 16'						
	17FT 17'						
	18FT 18'						

How to Order

Optional Control Receptacle ⁽¹⁾	Optional Control	Optional Fuse ⁽⁴⁾	Optional Fixed Dimming Resistor Board ⁽⁵⁾	Optional Receptacle ⁽⁶⁾	Finish ⁽⁷⁾ ⁽⁸⁾
R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽²⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽²⁾ SC Shorting Cap ⁽²⁾ PCD Electronic Button Photocontrol, mounted on an access door (120V-277V) ⁽³⁾ PCD4 Electronic Button Photocontrol, mounted on an access door (480V) ⁽³⁾	FHD Double Fuse and Holder	FDRB Fixed Dimming Resistor Board	GFI LPIUC 120V, 15 Amp Duplex GFCI receptacles with a low-profile in-use cover USB LPIUC 120V, 15 Amp Duplex USB/ Receptacle combo with a low-profile in-use cover (NON-GFCI)	UGMT Urban Gun Metal Textured UGM Urban 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 CM Custom Match

Notes:

1. Not for use with FDRB.

2. Requires control receptacle.

3. Mounted 6" down from the head/pole connection.

4. Ships loose for installation in base.
5. Not for use with R7.

6. Mounted at 19" above grade.

7. Smooth finishes are available upon request.

8. Custom colors require upcharge.

Specifications

Installation	Four 5/8" diameter by 18" long, hot-dipped galvanized "L" type anchor bolts shall be provided for anchorage for the anchor plate, they will be mounted in a 4.5" bolt circle, Square pattern. The anchor plate will be made of 360 alloy die cast aluminum and is .75" thick. The plate includes a 3" diameter opening for conduit. The column covers the anchor plate and twist-locks into place creating a clean aesthetic. A door shall be provided for wiring and anchor bolt access. It will include tamper resistant stainless steel hardware. The system is factory grounded with the driver pre-wired to the baseplate. CONCRETE FOOTING DESIGN BY OTHERS
Construction	The 8" pole shaft shall be made of ASTM 6063 extruded aluminum and tempered to a T6 condition.
Connection	The pole portion of the column includes a 360 alloy die cast aluminum tenon for attachment. The column head twist-locks into place and includes tamper resistant stainless steel hardware that mates into the pole tenon for a rigid, long term connection.
Hardware	Includes Stainless steel hardware. Most finishes will include hardware with a Black Oxide conversion coating. Light finishes will get non-color coated hardware (Whites and Silvers)
Lens	Optional glare reducing SoftVue™ lens provides optimal visual comfort.
UL Listing	UL listed per UL1598 and CSA C22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
Electronic Driver	The LED driver is UL recognized and will be securely mounted inside the fixture, for optimized performance and longevity. It will be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections for fixture installation and maintenance. It will have DC voltage output and be a constant current design. It runs at 50/60HZ and will have overload, overheat, and short circuit protection. It will be supplied with a supplemental line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It will be a high efficiency driver with a THD less than 20% and a high-power factor greater than .9. It will be dimming capable using a 0-10V signal, consult factory for more information.
NightSky® Friendly	Dark sky design properties with a U0 BUG rating for specific configurations.
IP Rating	IP66 rated luminaire for enhanced protection against dust and water intrusion.
Finish	Our 6 Stage Polyester Powder coat paint system offers a beautiful high-end finish that holds up to even the most extreme environments. Each part is inspected for quality and consistency before being released for shipment. Our system exceeds AAMA 2604, AAMA 2605, ASTM D523 and ASTM D4214 requirements.
Urban Finish	The Urban finish palette was created to highlight a modern, elegant aesthetic. All finishes are a 1 part powder coat with metallic flakes for a superior appearance. Finishes are available in textured or matte. Available finishes include: Black Textured, Urban Gun Metal, Urban Bronze, Urban Silver and Urban White
Warranty	7-year limited warranty. See Website for Terms and Conditions.
LEDs	The LEDs in this system will be fully shielded in a direct downward position to maximize efficiency. 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). CCT Lumen Derate Values from 4,000K 2,700K (70+ CRI)=.82 3,000K (70+ CRI)=.88 5,000K (70+ CRI)=1.05
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.

Fixed Dimming Resistor Board (FDRB)	Optional numbered 10-step selector switch allows for fine adjustment of the light levels in the field, repeatable from location to location. Offers dimming from 25% to 100% of the original output. Enclosure is composite material, sealed to protect components for the life of the product.
Photocontrols	Twist-Lock Style (Roof Mount): The photocontrol shall be mounted on the roof and prewired to driver. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turnoff at 2-3 footcandles. Photocontrol is 120-277 volt. Button Photocell (On Plate): Optional photocontrol shall be mounted on a plate and installed on the pole shaft. 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.
Receptacle	Optional 120V duplex 15A GFI (GFI LPIUC) or NON-GFI/5A USB combo duplex receptacle (USB LPIUC) installed in proprietary "Low-Profile" box with a lockable In-Use cover (lock not included).

Lumen Chart(s)

Tested with CA lens

Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3R DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
26L-40-T-MD_05	3825	B2U0G2	78.1	3710	B2U0G2	75.7	3915	B1U0G1	79.9	3835	B1U0G1	78.3	3765	B2U0G2	76.8	49
26L-30-T-MD_05	3590	B2U0G2	73.3	3485	B2U0G2	71.1	3675	B1U0G1	75.0	3600	B1U0G1	73.5	3535	B2U0G2	72.1	49
26L-27-T-MD_05	3155	B2U0G2	64.4	3060	B2U0G2	62.4	3225	B1U0G1	65.8	3160	B1U0G1	64.5	3105	B2U0G2	63.4	49
26L-40-T-MD_03	2700	B1U0G1	84.4	2630	B1U0G1	82.2	2760	B1U0G1	86.3	2710	B1U0G1	84.7	2665	B2U0G2	83.3	32
26L-30-T-MD_03	2535	B1U0G1	79.2	2470	B1U0G1	77.2	2590	B1U0G1	80.9	2545	B1U0G1	79.5	2505	B2U0G2	78.3	32
26L-27-T-MD_03	2225	B1U0G1	69.5	2170	B1U0G1	67.8	2275	B1U0G1	71.1	2235	B1U0G1	69.8	2195	B2U0G2	68.6	32

Mounting Details



Options



Button Photocell On Door (PCD)



Low-Profile In-Use Cover
(GFI LPIUC/USB LPIUC)



Double Fuse Holder & (2) 3A Fuses
(FHD)



Fixed Dimming Resistor Board
(FDRB)

Option Locations

