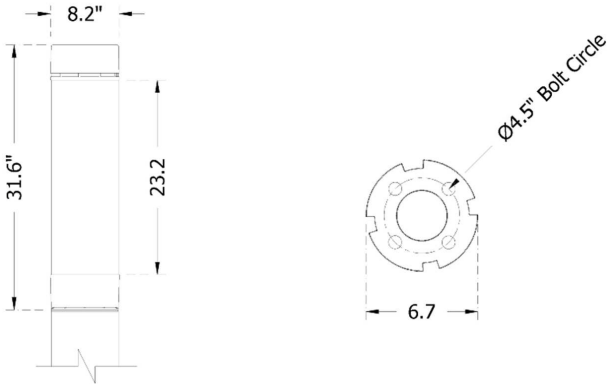


Project Name

Qty

Type

Catalog / Part Number



Certifications

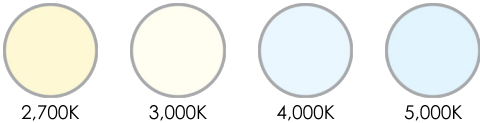


Distribution Type



Type
Symmetric

CCT - Color Temp (K)



Finish



Description

The RW402 Rialta® Column is a large scale cylindrical post top mounted luminaire designed to bring ambiance to any project by providing a performance lighting package in a vertical form. The 8" acrylic cylinder adds a two foot high luminous element. The RW402 uses a two LED board configuration to deliver IES type 5 distributions 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	RW402: 8" Rialta
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 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)
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board

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	28L: 28 LEDs
CCT - Color Temp (K)	27: 2,700K 30: 3,000K 40: 4,000K 50: 5,000K
Distribution Type	TS: Type Symmetric
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	Optional Control Receptacle ⁽¹⁾	Optional Control	Optional Fuse ⁽⁵⁾	Optional Receptacle ⁽⁶⁾	Optional Fixed Dimming Resistor Board ⁽³⁾	Finish
PT Post Top	06FT 6'	RW402 8" Rialta	28L 28 LEDs	27 2,700K	TS Type Symmetric	MDL03 120V-277V, 350mA MDH03 347V-480V, 350mA MDL05 120V-277V, 525mA MDH05 347V-480V, 525mA	R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽²⁾	FHD Double Fuse and Holder	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)	FDRB Fixed Dimming Resistor Board	UGMT Urban Gun Metal Textured
	07FT 7'			30 3,000K								UGM Urban Gun Metal Matte
	08FT 8'			40 4,000K				PE4 Twist-Lock Photocontrol (347V-480V) ⁽²⁾				UBT Urban Bronze Textured
	09FT 9'			50 5,000K				SC Shorting Cap ⁽²⁾				UB Urban Bronze Matte
	10FT 10'							PCD Electronic Button Photocontrol, mounted on an access door (120V-277V) ^{(3) (4)}				USLT Urban Silver Textured
	11FT 11'							PCD4 Electronic Button Photocontrol, mounted on an access door (480V) ^{(3) (4)}				USL Urban Silver Matte
	12FT 12'											UWHT Urban White Textured
	13FT 13'											UWH Urban White Matte
	14FT 14'											BKT Black Textured
	15FT 15'											CM Custom Match ⁽⁷⁾
	16FT 16'											
	17FT 17'											
	18FT 18'											

Notes:

1. Not for use with FDRB.

2. Requires control receptacle.

3. Not for use with R7.

4. Mounted 6" down from the head/pole connection.
5. Ships loose for installation in base.

6. Mounted at 19" above grade.

7. Custom colors require upcharge.

Specifications

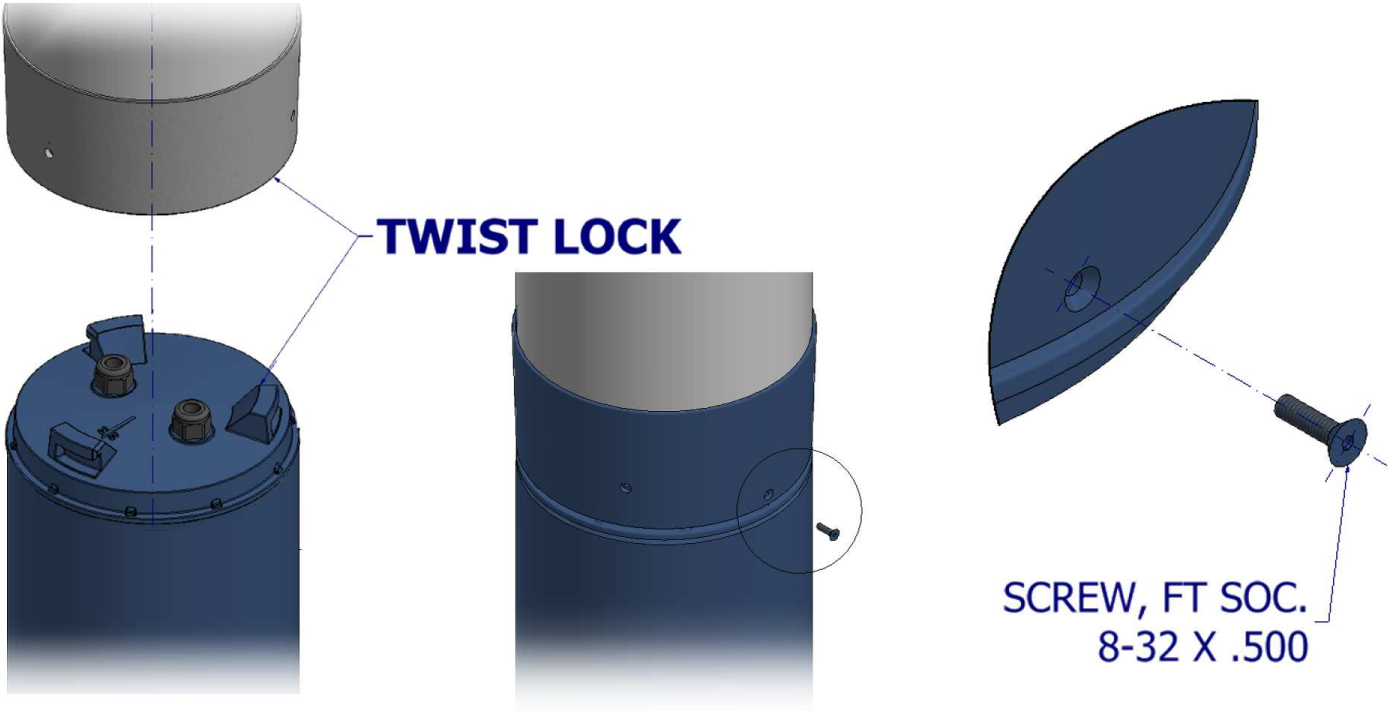
Installation	Four 5/8" diameter by 18" long, hot-dipped galvanized "L" type anchor bolts shall be provided for anchorage for the anchor plate, they will be mounted in a 4.5" bolt circle, Square pattern. The anchor plate will be made of 360 alloy die cast aluminum and is .75" thick. The plate includes 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.
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
Custom Finish	Custom finishes are offered to adapt to any application. Custom Match option is available to blend sternberg product with the site, consult factory for more information.
Warranty	7-year limited warranty. See Website for Terms and Conditions.
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). 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, collimating type optics applied to each LED. The luminaire shall provide a Symmetric Type light distribution with nearly perfect surface brightness and uniformity.

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	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. 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.
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)

Model #	DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
28L-40-TS-MD_05	3975	B1U5G2	76.4	52
28L-30-TS-MD_05	3490	B1U5G2	67.1	52
28L-27-TS-MD_05	3275	B1U5G2	63.0	52
28L-40-TS-MD_03	2890	B1U4G2	80.3	36
28L-30-TS-MD_03	2540	B1U4G2	70.6	36
28L-27-TS-MD_03	2380	B1U4G2	66.1	36

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

