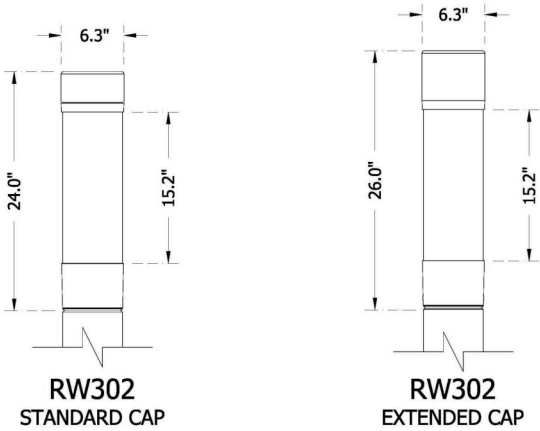


Project Name

Qty

Type

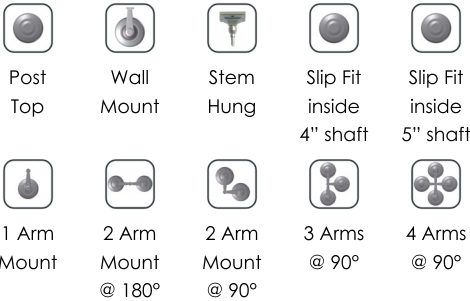
Catalog / Part Number



Certifications



Mounting Configuration

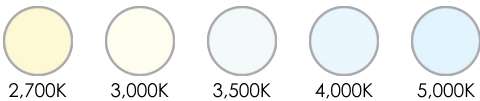


Distribution Type



Type
Symmetric

CCT - Color Temp (K)



Description

The RW302 Rialta® is a cylindrical luminaire offered in a variety of mounting options. Designed to bring ambiance to any project by providing a performance lighting package in a vertical form. The 6" cylinder adds a 15" high luminous element. The RW302 uses a Six LED board configuration to deliver a symmetrical distribution with high efficiency and low wattage consumption.

Post Top Configuration Available in heights:
6' to 16' in 1' increments.

Other Configurations Include:
Wall Mount, Stem Hung and Post Top Clusters

Features

Mounting Configuration

- PT: Post Top
- 1W: Wall Mount
- SH: Stem Hung
- SF4: Slip Fit inside 4" shaft
- SF5: Slip Fit inside 5" shaft
- 1A: 1 Arm Mount
- 2A: 2 Arm Mount @ 180°
- 2A90: 2 Arm Mount @ 90°
- 3A90: 3 Arms @ 90°
- 4A: 4 Arms @ 90°

Height (in feet)	6', 7', 8', 9', 10', 11', 12', 13', 14', 15', 16'
Fixture	RW302: 6" Rialta
Optional Control Receptacle	R7: 7-Pin control receptacle only

Finish



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) PEC: Electronic Button Photocontrol (120V-277V) PEC4: Electronic Button Photocontrol (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	6L: 6 LEDs
CCT - Color Temp (K)	27: 2,700K 30: 3,000K 35: 3,500K 40: 4,000K 50: 5,000K
Distribution Type	TS: Type Symmetric
Driver	MDL05: 120V-277V, 480mA MDH05: 347V-480V, 480mA

[illegible]

Mounting Configuration	Overall Drop Length (In Inches) ^{(1) (2)}	Height (in feet) ^{(3) (4)}	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Optional Control Receptacle ^{(5) (6) (7)}	Optional Control	Optional Fuse ⁽¹¹⁾	Optional Receptacle ^{(9) (12)}	Optional Fixed Dimming Resistor Board ⁽¹³⁾	Finish ⁽¹⁴⁾
PT Post Top		06FT 6'	RW302 6" Rialta	6L 6 LEDs	27 2,700K	TS Type Symmetric	MDL05 120V-277V, 480mA	R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽⁸⁾	FHD Double Fuse and Holder	GFI LPIUC 120V, 15 Amp Duplex GFCI receptacles with a low-profile in-use cover	FDRB Fixed Dimming Resistor Board	UGMT Urban Gun Metal Textured
1W Wall Mount		07FT 7'			30 3,000K		MDH05 347V-480V, 480mA		PE4 Twist-Lock Photocontrol (347V-480V) ⁽⁸⁾		USB LPIUC 120V, 15 Amp Duplex USB/ Receptacle combo with a low-profile in-use cover (NON-GFCI)		UGM Urban Gun Metal Matte
SH Stem Hung		08FT 8'			35 3,500K				SC Shorting Cap ⁽⁸⁾				UBT Urban Bronze Textured
SF4 Slip Fit inside 4" shaft		09FT 9'			40 4,000K				PCD Electronic Button Photocontrol mounted on an access door (120V-277V) ⁽⁹⁾				UB Urban Bronze Matte
SF5 Slip Fit inside 5" shaft		11FT 11'			50 5,000K				PCD4 Electronic Button Photocontrol mounted on an access door (480V) ⁽⁹⁾				USLT Urban Silver Textured
1A 1 Arm Mount		12FT 12'											USL Urban Silver Matte
2A 2 Arm Mount @ 180°		13FT 13'											UWHT Urban White Textured
2A90 2 Arm Mount @ 90°		14FT 14'											UWH Urban White Matte
3A90 3 Arms @ 90°		15FT 15'											BKT Black Textured
4A 4 Arms @ 90°		16FT 16'							PEC Electronic Button Photocontrol (120V-277V) ⁽¹⁰⁾				CM Custom Match
									PEC4 Electronic Button Photocontrol (480V) ⁽¹⁰⁾				

1. Required field for Stem Mounting Configuration.
2. Minimum 30" Overall Drop Length.
3. Post top heights over 12' require the Wide Base mount.
4. Required field for Post Top mounting configuration.
5. Not for use with "SH" mounting configuration.
6. Requires Extended Cap (+2' to overall height).
7. Not for use with FDRB.

8. Requires control receptacle.
9. Only available with Post Top mounting configuration.
10. Only available with Stem Hung or Wall Mount mounting configuration.
11. Ships loose for installation in base.
12. Mounted at 19" above grade.
13. Not for use with R7.
14. Custom colors require upcharge.

Specifications

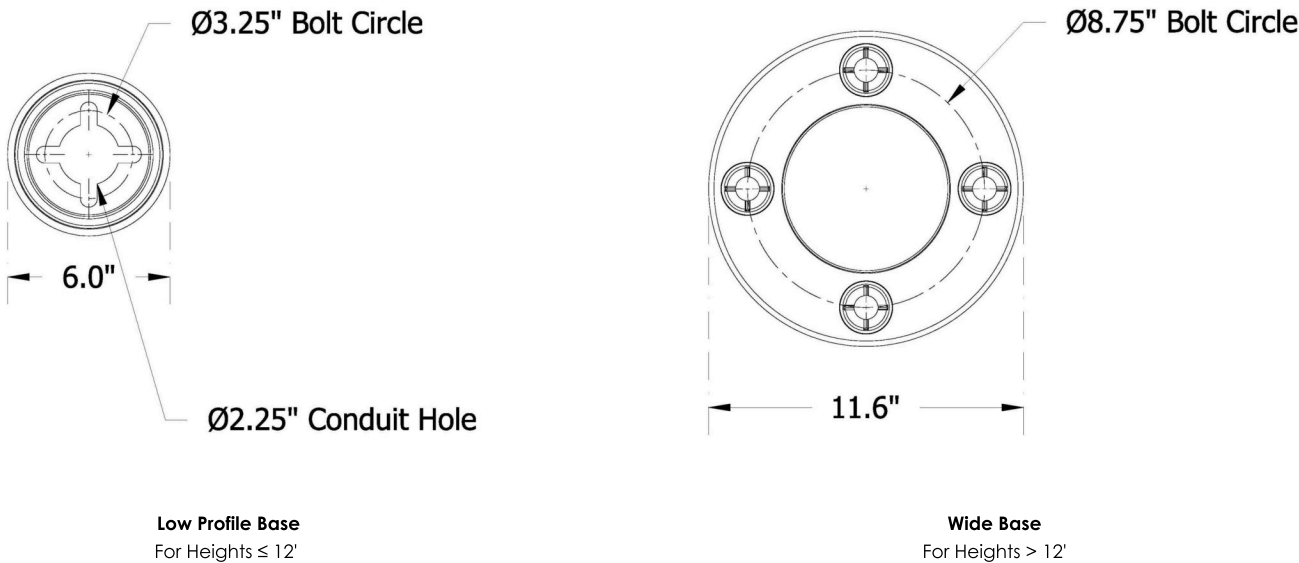
Installation	For the Post Top mounting configuration, four 1/2" (or 3/4") diameter by 18" long, hot-dipped galvanized "L" type anchor bolts shall be provided with the post for anchorage. A door shall be provided for wiring and anchor bolt access. It shall be secured with tamper resistant stainless steel hardware. The system is factory grounded with the driver pre-wired to the baseplate. FOR USE WITH HEIGHTS LESS THAN OR EQUAL TO 12': 1/2" bolts shall be mounted in a 3.25" bolt circle. FOR USE WITH HEIGHTS GREATER THAN 12': 3/4" bolts shall be mounted in a 8.75" bolt circle. CONCRETE FOOTING DESIGN BY OTHERS
Construction	The separate anchor base shall be made of heavy wall, 356 alloy cast aluminum with a .63" thick floor. It will mechanically attach to the pole portion of the column with tamper resistant stainless steel hardware. The pole shaft will be made of ASTM 6063 extruded aluminum and tempered to a T6 condition.
Connection	The pole portion of the column includes a 356 alloy cast aluminum tenon for attachment. The column head includes tamper resistant stainless steel hardware that will mate 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.
Driver	The LED driver shall be securely mounted inside the luminaire in most mounting configurations. It shall be remotely mounted in the pole/base for Slip Fit (SF_) mounting configurations . It will be UL Recognized and will 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 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.
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, 3500K 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)=.92 3,000K (70+ CRI)=.95 3,500K (70+ CRI)=1.03 5,000K (70+ CRI)=1.00

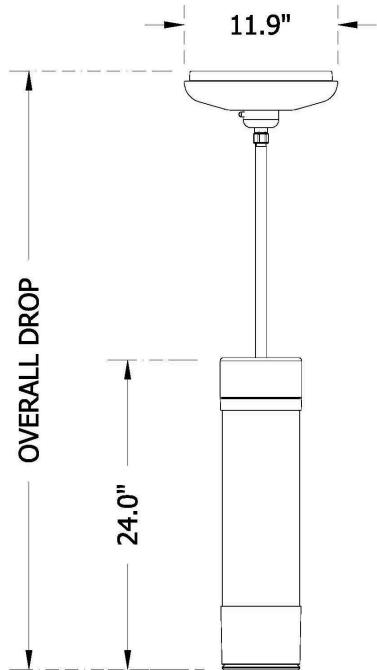
Optics	The luminaire shall be provided with individual, collimating type optics applied to each LED. The luminaire shall provide a Symmetric Type light distribution with nearly perfect surface brightness and uniformity.
Fixed Dimming Resistor Board (FDRB)	Optional numbered 10-step selector switch allows 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. Button Photocell: The photocontrol shall be mounted on the fixture and pre-wired to driver. The electronic button type photocontrol is instant on and will turn on at 1.5 footcandles and will turn off at 2-3 footcandles. See pole spec sheet for pole mounted version. 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)

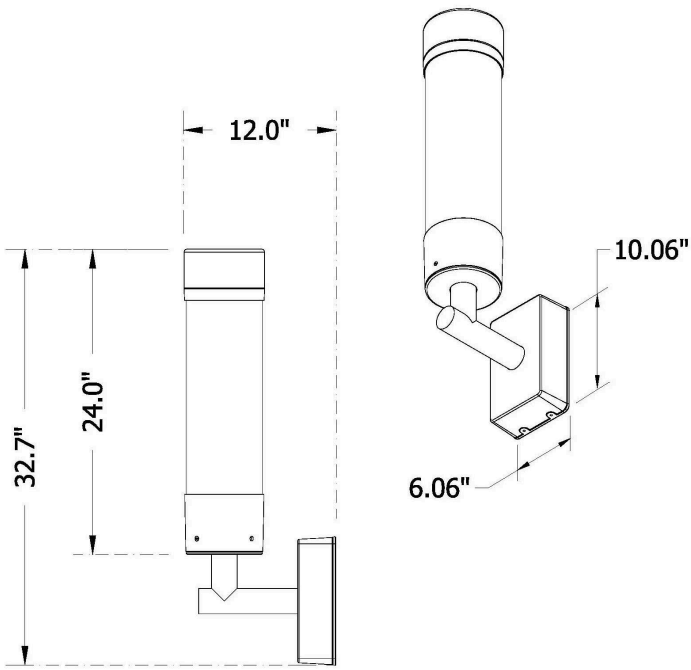
Model #	DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
6L40TS-MDL05	2050	B1U4G1	46.6	44
6L30TS-MDL05	1955	B1U4G1	44.4	44
6L27TS-MDL05	1890	B1U4G1	43.0	44

Anchor Base Details

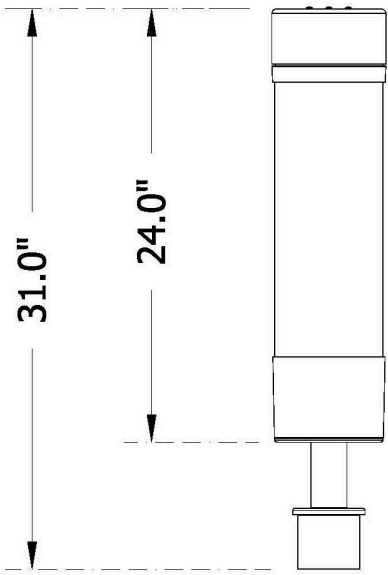




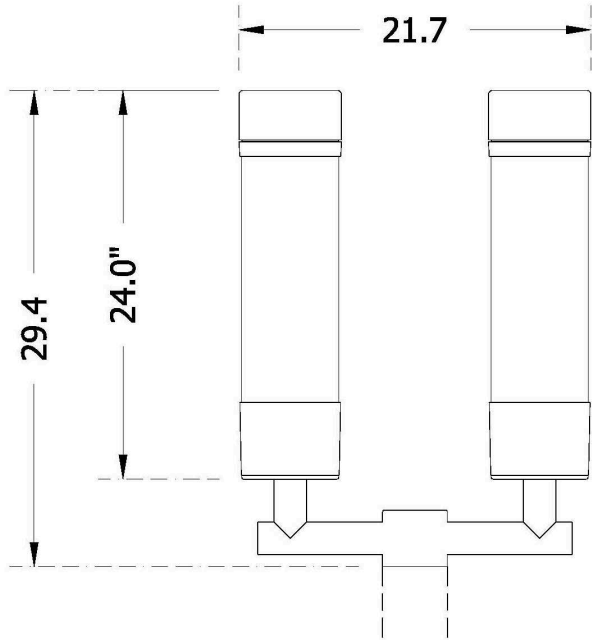
Stem Hung (SH)



Wall Mount (1W)



Slip Fit Mount (SF)



2 Arm Mount (2A)

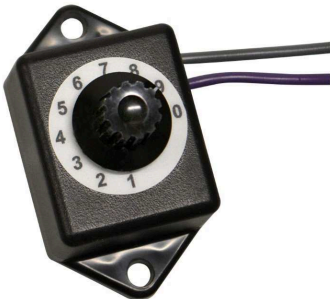
Options



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



Button Photocell On Door (PCD)

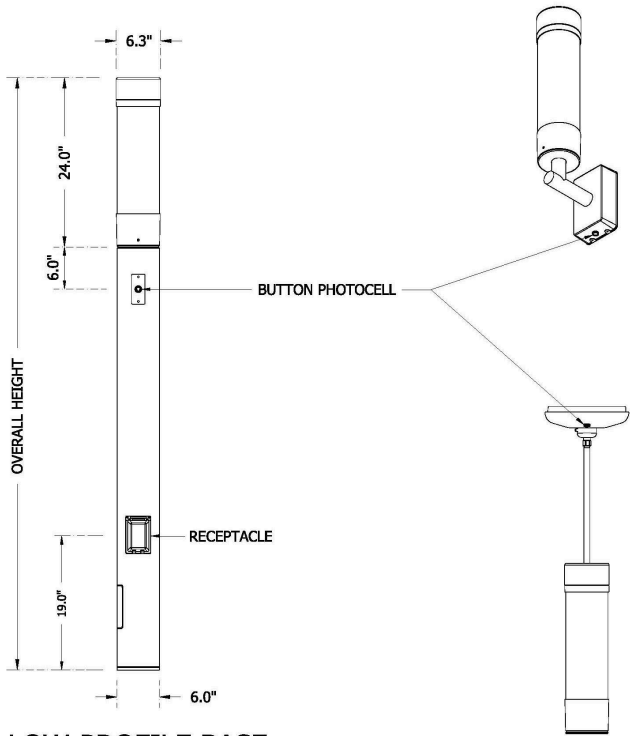


Fixed Dimming Resistor Board
(FDRB)

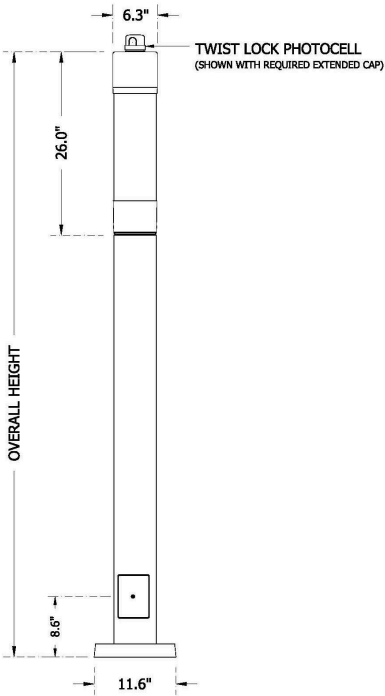


Double Fuse Holder & (2) 3A Fuses
(FHD)

Option Locations



LOW-PROFILE BASE
FOR HEIGHTS ≤ 12'



WIDE BASE
FOR HEIGHTS > 12'