



RIALTA® RW4xx

The **RIALTA® RW4xx** luminaire is a cylindrical ground 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 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.



PROJECT: _____

TYPE: _____

ORDERING EXAMPLE: BL-RW442-28L45T5-MDL05-FAC-PEC/UBKT

RW4											
MOUNTING CONFIG.	SERIES	HEIGHT(H) IN.	NO. OF LEDS	COLOR TEMP K	DISTRIBUTION TYPE	DRIVER	LENS	CONTROLS	DUAL FUSE & HOLDER	COLOR	
BL	Post Top Mounted Luminaire	36	28L	27(00) K	T5	MDL03	FAC	O P T I O N S		UBKT	UBK
		42		35(00) K		MDL05		PEC	FHD	UBT	UB
		48		45(00) K		MDH03				ULBT	ULB
						MDH05				USLT	USL
										UWHT	UWH
										UCHS	

BL = Bollard

Product Specs

Optical

- IP66 rated optic module.
- Available in IES Type 5 distribution.
- Utilizes high output, high brightness LEDs.
- Operates at -40°C (-40°F) to +50°C (122°F) ambient air temperature range.
- Minimum of 70 CRI, CCT 2700, 3500 and 4500K. Call factory for custom CCT.
- LM-79 and LM-80 tests in accordance with IESNA standards.
- Lumen depreciation rating L70 > 130,000 hrs. projected per TM-21 guideline using 525mA drive at 25°C ambient.
- RoHS Compliant.

Electrical

- 120-277 volt and 347-480 volt available.
- Minimum drivers power factor: > 0.9.
- Electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines.
- UL listed in U.S. and Canada.

Mechanical

- Cast aluminum heat sink, cylindrical lens and twist-lock housing.
- Spun aluminum heat sink cover.
- Twist-lock housing installs on 8" OD welded tenon.
- Pole door driver access and removeable driver tray.

Controls

- Supplied with dimmable driver.
- Optional electronic button photocell: PEC (120-277V).

Finish

- Durable, color retentive powder coat finish.

Warranty & Standards

LED Systems and Drivers - 7 years.
All fixtures shall be free from defects in materials and workmanship for a period of 7 years from the date of manufacture. The luminaire manufacturer shall warrant the LED boards/system, during the stated warranty period, against failure defined as more than 10 percent of non-operating LEDs.

Housing

Housing shall consist of 0.188" wall extruded aluminum and A360 cast top and bottom lens retaining assemblies. Minimum height overall with shaft is 36".

Drivers:

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

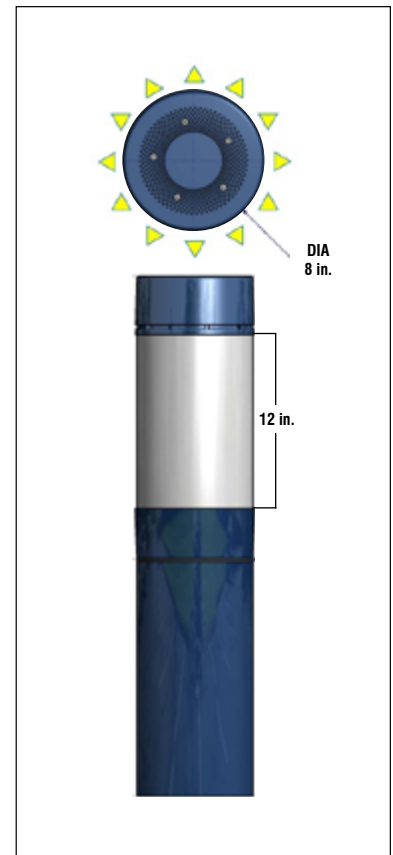
Lens:

FAC - Frosted Acrylic Cylinder 2 Ft.

Colors:

UBKT - Urban Black Textured
UBT - Urban Bronze Textured
ULBT - Urban Light Bronze Textured
USLT - Urban Silver Textured
UWHT - Urban White Textured
UCHS - Urban Champagne Satin Smooth
UBK - Urban Black Matte
UB - Urban Bronze Matte
ULB - Urban Light Bronze Matte
USL - Urban Silver Matte
UWH - Urban White Matte

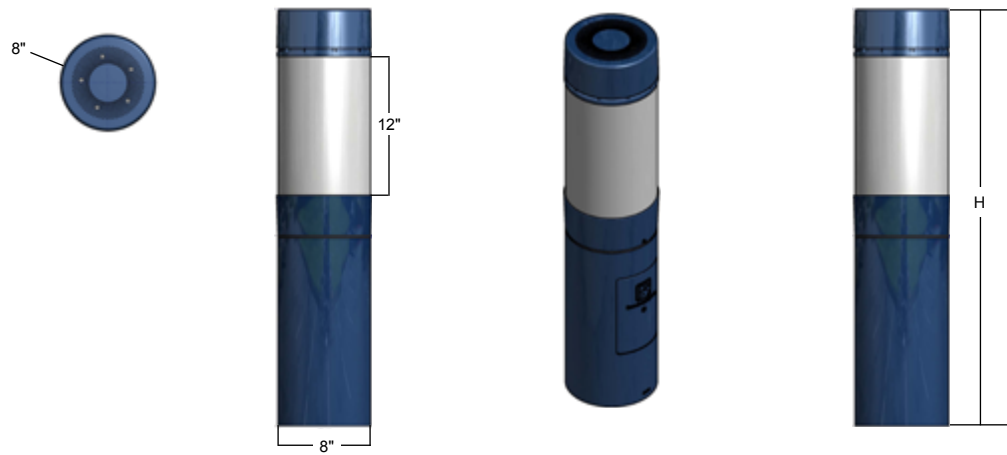
Distribution Orientation:



Performance

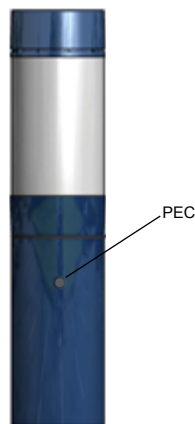
MODEL #	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
RW436-28L27T_-MD_03	2525	74.4	34
RW436-28L35T_-MD_03	2885	84.9	34
RW436-28L45T_-MD_03	3240	95.4	34
RW436-28L27T_-MD_05	3450	69.1	50
RW436-28L35T_-MD_05	3940	78.8	50
RW436-28L45T_-MD_05	4425	88.6	50

Product Dimensions and Features

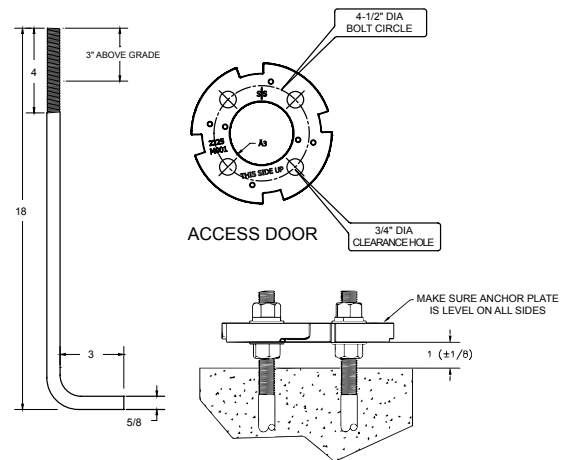


Options

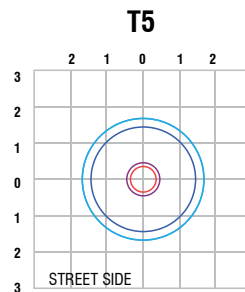
PEC



Bolt Circle



ISO Footcandle Plots



All published luminaire photometric testing performed to IESNA LM-79 standards by NVLAP, certified laboratory. ISO footcandle plots above demonstrate the RIALTA'S light patterns only. Not for total fixture output. For complete specifications and IES files, see website.