



**ZUMALIGHTING**  
QUALITY OUTDOOR SOLUTIONS



MODEL  
**WESTWARD**

TYPE  
**LED**

SERIES  
**BOLLARDS**

**ZUMA LIGHTING LLC**  
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# ORDERING INFORMATION

<b>Model</b> WESTWARD
<b>Type</b> LED
<b>Series</b> BOLLARDS



FIXTURE	SIZE	SOURCE	VOLTS	LAMP / TEMP	LENS	COLOR	OPTIONS
WES (LED)	10 = 42" Height  CH = Custom height, consult factory	12w = 1365 lm	U = 120v-277v  8 = 480v	3K = 3000K  4K = 4000K  5K = 5000K	FA = Frosted Acrylic  OA = Opal Acrylic	DB = Dark Bronze  BK = Black  WH = White  SL = Silver  WG1 = Woodgrain  WG2 = Woodgrain  WG3 = Woodgrain  RT = Rusty Textured Finish  CC = Custom	SP = Surge Protection  180° = 180° Optics

# SPECIFICATIONS

## Housing

The Westward bollard housing fabricated from a combination of cast and extruded aluminum alloys.

## LED

EncapLED, an IP66-rated and DLC listed LED module system, combines optics and heat sink into one configurable unit which give precise light distribution. Allows for low wattage incremental adjustment on light output. The module achieves 110-120 lm/w efficacy with LUXEON LUMILEDS TX CHIPS. Beside maximizing heat dissipation surface, we also utilize convection-based heat management which creates additional air flow around each chip. Unlike a big metal heat sink where the temperature for the chips in the middle is higher than the rest, the heat of each EncapLED chip gets dissipated evenly. A better heat dissipation design keeps the junction temperature low and ultimately prolongs the life of the LED chips. Our modules are available in any of our fixture designs, as well as in a simple retro-fit kit form for existing fixtures.

## Lens

Lens is fabricated from acrylic. Specify frosted or opal.

## Mounting Options

Heavy duty aluminum base plate secures to the housing. Mounting kit with anchor bolts, included.

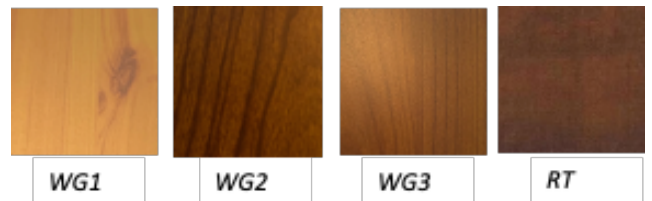
## Certificates & Warranty

- Suitable for Wet Locations
- 5-Year Warranty

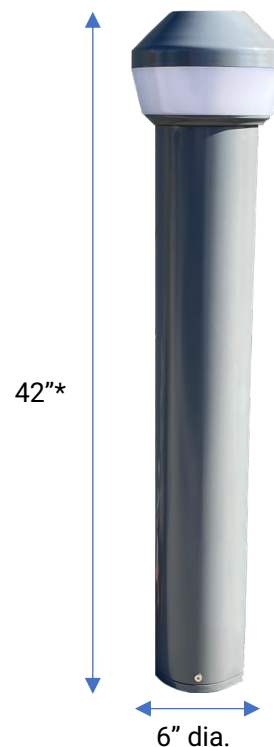
## Finish

Thermoset polyester oven-baked powder coat, in any standard color. Custom colors are available to your specification.

This fixture is also available in a variety of our woodgrain finishes or rusty textured powder coat finish, shown below. Additional woodgrain finishes are available upon request.



## Dimensions



*\*Custom height available*