



ZUMALIGHTING
QUALITY OUTDOOR SOLUTIONS



MODEL
HIGHLINE

TYPE
LED

SERIES
BOLLARDS

ZUMA LIGHTING LLC
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ORDERING INFORMATION

Model HIGHLINE
Type LED
Series BOLLARDS



FIXTURE	SIZE	SOURCE	VOLTS	LAMP / TEMP	COLOR	OPTIONS
HIG (LED)	10 = 6.5" W x 22" H CH = Custom height, consult factory	3W 5W 10W	U = 120v-277v	3K = 3000K 4K = 4000K 5K = 5000K	CW = Cedar Wood Finish CC = Custom	SP = Surge Protection

SPECIFICATIONS

Housing

The Highline bollard housing is a weather tight 2-piece unit fabricated from natural cedar wood.

LED

EncapLED, an IP66-rated ETL and DLC listed LED module system, combines optics and heat sink into one configurable unit which give precise light distribution. Available in types II, III, IV & V. It allows us to do 10w. increment 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.

Mounting Options

Mounting kit with ground spike, included.

Finish

Natural cedar wood finish. Custom colors are available to your specification.

Warranty

5-year warranty

Dimensions

