



ZUMALIGHTING
QUALITY OUTDOOR SOLUTIONS



MODEL

BEELINE

TYPE

LED

SERIES

BOLLARDS

ZUMA LIGHTING LLC

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ORDERING INFORMATION

Model BEELINE
Type LED
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FIXTURE	SIZE	SOURCE	VOLTS	LAMP / TEMP	OPTICS	COLOR	OPTIONS
BEE (LED)	10 = 6" D x 3" W x 42" H CH = Custom height, consult factory	10W 20W 30W 40W	U = 120v-277v 8 = 480v	3K = 3000K 4K = 4000K 5K = 5000K	T1 = Type I T2 = Type II T3 = Type III T4 = Type IV T5 = Type V	DB = Dark Bronze BK = Black WH = White SL = Silver CC = Custom	SP = Surge Protection PC = Photocell

SPECIFICATIONS

Housing

The Beeline series bollard housing is a weather tight 2-piece aluminum extrusion unit.

LED

EncapLED, an IP66-rated 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

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

Finish

Thermoset polyester oven-baked powder coat, in Dark Bronze. Custom colors are available to your specification.

Warranty

5-year warranty

Dimensions

Fabricated from 3" w x 6" d extruded aluminum. matching the pole version.

