

Project: _____ Type: _____ Date: _____

Product: _____



Element Bollards

Specifications

HOUSING: The fixture shall be composed of cast aluminum A356 alloy and extruded aluminum components. The top cover is sealed with silicone gasket. The shade shall be a heavy gage spun aluminum with a down edge for added rigidity. The struts shall be of extruded aluminum. The LED's & driver assembly is accessible by loosening two bolts and lifting off the body assembly. All internal and external hardware shall be 316 stainless steel. The configuration above can be obtained in bronze, copper and stainless steel components.

ENCLOSURE: The lens shall be of one piece seamless clear acrylic-(standard), sealed to the housing with a molded silicone gasket on the top and bottom.

LEDs: Selected high brightness LED's, > 80 CRI. 2700°K-3000°K-4000°K color temperature (nominal). Distribution symmetric. Expected life minimum 60,000 hours @80% IL- depending upon the ambient temperature of the installation location. Independent led modules.

ELECTRICAL: All electrical components are U.L. and C.S.A. recognized, mounted on a gear tray which attaches to the housing as a one piece assembly. LED driver, constant current electronic driver-rated for 30w max, 120v-277v input -30°C start. 0-10v dimming and surge protection. All components are prewired and electronically tested before shipment.

MOUNTING: Post top mounting-the fixture shall mount on top a 5", 6" or 8" O.D. body, secured with 4-stainless steel set screws. Other mounting options available.

FINISH: Super TGIC thermoset polyester powder coat paint. Powder coating is 2.5 mil nominal thickness over a chromated pretreatment. This finish system shall meet the A.S.T.M. 2500 hour salt spray test. Copper and Bronze to be of a natural finish. A clear coat option is available for copper components.

CERTIFICATION: Fixture shall be listed with ETL outdoor wet location use, conforms to UL1598 and CAN/CSA Std C22.2 no. 250.0

WARRANTY: Fixture shall be warranted to be free of defects for three years. LED's and driver components shall carry the manufacturer's limited warranty. Our products are 100% designed, sourced and fabricated in California USA.

Overview

The Element bollard series offers a complete package of sizes, optical systems and mounting options designed for urban areas, buildings, roads and public areas.

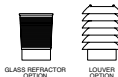
Ordering Information:

Example: **ELE-B - FA - 18 -**

LED Voltage OAH Color Options
4K - 120-277 - 42" - BLK - HSS

Product - Shade Optics EPA: Weight: 25 lbs

ELE-B	ANG Angle	FA Frosted Acrylic Lens
	FLR Flared	GLV Glare Louvers
	STR Straight	GR3 Glass Refractor Type-3
		GR5 Glass Refractor Type-5



Wattage	Lm	Voltage
12 to 30	800 to 1500	120-277

Colors Options

BLK Black	ULS Upper Lens Shield
WHT White	BZC Bronze Castings
DBZ Dark Bronze	C Copper Shade
LG Light Gray	SS Stainless Steel Shade
CC Custom Color	HSS House Side Shield

Column Dimensions: Specify Over All Height of Bollard

