

Project: _____ Type: _____ Date: _____

Product: _____



Element Lantern

Specifications

HOUSING: The fixture shall be composed of cast aluminum, A356 alloy and extruded aluminum components, free of porosity and foreign materials. The shade shall be a heavy gage spun aluminum. The LED's & driver assembly is accessible by removing the top cover and lens assembly. All internal and external hardware shall be 316 stainless steel.

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. The glass refractor made of borosilicate glass, type 3 and 5.

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

ELECTRICAL: All electrical components are U.L. and C.S.A. recognized. LED driver, constant current electronic driver-rated for 40w, 120v-277v input -30°C start, 0-10v dimming and surge protection.

MOUNTING: Post top mounting, the fixture shall slip over a 4" O.D. pole or tenon and be 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. A clear coat option is available for copper and stainless steel 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 Lantern series offers a complete package of sizes, optical systems and mounting options designed for urban areas, buildings, roads and public areas.

Ordering Information:

Product	Optics	Wattage	LED	Voltage	Mounting	Color	Options
Example: ELE/LTN-ANG-	FA	40	4K	120-277	WM	BLK	HS

Product - Shade	Optics	EPA: 2.2	Weight: 32 lbs
ELE/LTN- ANG Angle	FA Frosted Acrylic Lens		
STR/T Straight Top	GLV Glare Louvers		
	GR3 Glass Refractor Type-3		
	GR5 Glass Refractor Type-5		

Wattage	Lm	Voltage
24	2620	120-277
36	2850	

Colors	Options
BLK Black	SF Single Fuse (120,277,347v)
WHT White	DF Double Fuse (208,240,480v)
DBZ Dark Bronze	C Copper Shade
LG Light Gray	SS Stainless Steel Shade
CC Custom Color	PCB Photo Control Button
	HS House Side Shield
	ULS Upper Lens Shield
	CB Center Band
	CRG Center Rings

Note: for Copper shades add a "C" in back of the shade prefix, example - CFLR

Luminaire Dimensions

