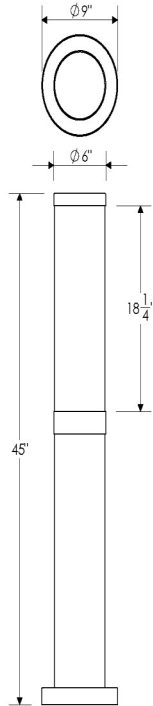




## ALTON BOLLARD SERIES



DIMENSIONS: 45"H X 6"W

Catalog #		Type
Project		LED BOLLARD
Comments		
Prepared By		Date

### SPECIFICATIONS

#### Material

All parts are durable Aluminum Extruded Tube with .080 Spun aluminum Roof Cap with supports fabricated for maximum strength.

#### Lens

Standard White Frosted Premium Acrylic or Clear Frosted Premium Acrylic

#### LED

ALTA Long Life, high-efficiency, surface mount LEDs mounted on MPCB Aluminum Boards

#### Lifespan:

100,000 hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### Driver

0-10V Dimming Driver for 120/277 volt, Constant Current, metal case, 5 year warranty

#### Label

ETL Listed for US and Canada for Wet Location

### ORDERING INFORMATION

Sample Number: ALT-B-45-48W-AB-WF

Series	Style	Size	Lamp	Finish	Standard Lens	Options
ALT	Bollard	36" 45"	36" 24W 48W  45" 24W 48W	Architectural Bronze (AB) Textured Bronze (TBR) Matte Black (MBK) Semi Gloss Black (GBK) Textured Black (TBK) Textured Rust (TR) Matte White (MW) Textured White (TW) Gloss White (GW) Metallic Grey (MG) Brushed Aluminum (BA) adder Metallic Nickel (MN) Textured Verde Patina (TVP) Satin Brass (SB) Copper Vein (CV) Gold Vein (GV) Silver Vein (SV) Chrome (CH)	White Frosted (WF) Clear Frosted (CFA)  <b>Optional Lens</b> White Alabaster (WA) Honey Onyx (HO) Natural Horn (NH) Beige Alabaster (BA) Honey Swirl (HS)	LED EMR - Up to 24W OCC Sensors Photo Cell Control
DELIVERED LUMENS PER WATT						
2700K = 80						
3000K = 90						
3500K = 100						
4100K = 110						
5000K = 120						

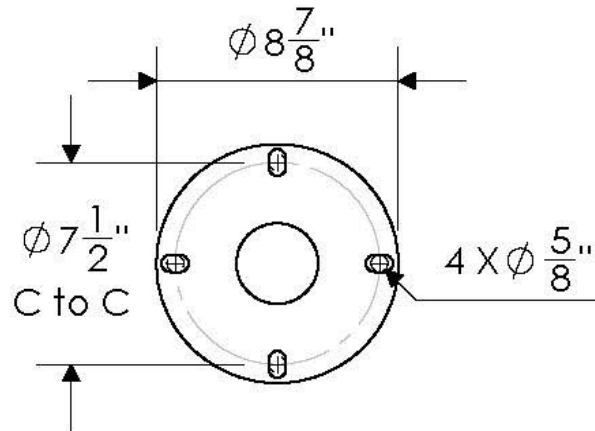
Evergreen Lighting  
www.evergreenlighting.com



## ALTON BOLLARD SERIES

### Instruction Sheet

#### Mounting Template



#### Mounting

Standard anchor bolts are 3/8" X 12" X 3". Bolts, nuts, and washers shall be hot dipped galvanized steel.

**Warranty:** Evergreen Lighting warrants Bollard LED products sold by Evergreen Lighting to be free from defects in material and workmanship for a period of One year for metal parts, a period of five 5 years for exterior housing powdercoat finish, a period of five 5 years for LED Light Engines and, a period of five 5 years for LED power components (driver), from the date of sale of such goods to the buyer as specified in Evergreen Lighting shipment documents for each product.



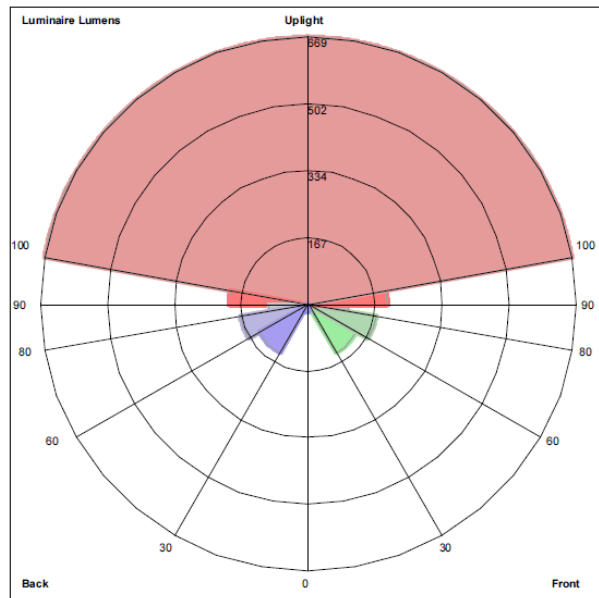
**EVERGREEN  
LIGHTING**

## ALTON BOLLARD SERIES

### Photometrics

#### ALT-B-24W

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH

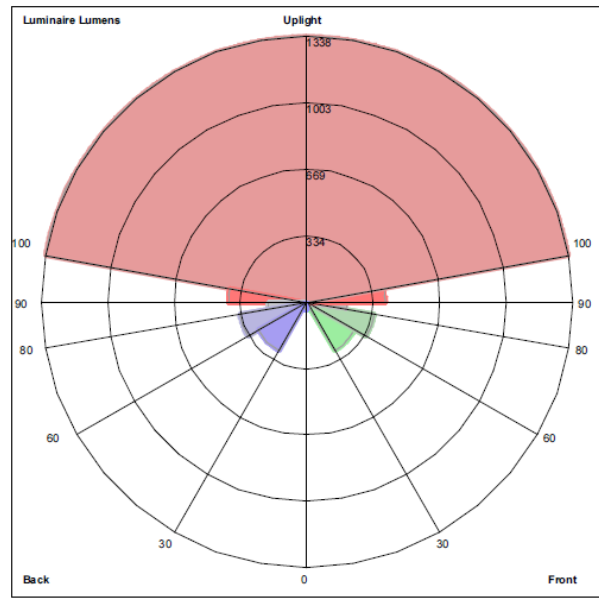


Luminaire Lumens:  
Front: Low=18.4, Medium=139.9, High=172.3, Very High=98.6  
Back: Low=18.1, Medium=140.6, High=172.0, Very High=98.7  
Uplight: Low=197.3, High=668.8

BUG Rating : B1-U4-G1

#### ALT-B-48W

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=36.9, Medium=279.7, High=344.5, Very High=197.2  
Back: Low=36.1, Medium=281.1, High=343.9, Very High=197.5  
Uplight: Low=394.7, High=1337.5

BUG Rating : B1-U5-G2

Evergreen Lighting  
[www.evergreenlighting.com](http://www.evergreenlighting.com)

