**EVERGREEN LIGHTING**
*MADE IN USA*

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## Commercial Bollard

*Meets all BAA and BABA
Made in USA Requirements*

Square Bollard Design with Directional LED components for Sidelight only. Mulitple sizes available to your projects specific needs. Designed for effective lighting of landscapes, pathways, and open spaces. Continuing with Evergreens promise to make all products out of the highest quality American Made Materials for All Industries.
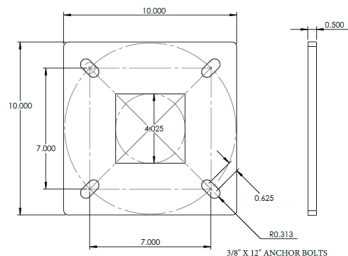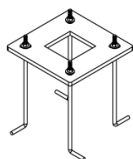
BOLLARD

### Physical Data

Width - 4"

Height - 38"

Weight - 28 lbs

IP65  Suitable For Wet Locations

Impact Resistant (Vandal Resistant)

### Outside Anchor Base Mounting Detail

4.000
2.500
4.000
18.000
44.000
10.000
10.000
7.000
4.025
7.000
0.625
R0.313
0.500
3/8" X 12" ANCHOR BOLTS

**Zoom Template to 600%**

**Extruded Aluminum**
Extruded Aluminum Tube 6061 from USA Mills. Diecut, Capped and welded for maximum strength and durability.  1/8" thick aluminum wall construction with outside mounting baseplate laser cut for 4 galvanized steel anchor bolts 3/8" x 12" long.

**Pre Paint**
8 step degreasing with phosphoric acid deoxidizing and etching as well as a zinc and nickel phosphate process before product painting.

**Sealed for Wet Locations**
Provided with special interior welded watertight seams along with specific "fit for purpose" long life high temperature memory retentive silicon gaskets.

**Thermal Management**
6061 Extruded Aluminum is used for its excellent mechanical strength and thermal dissipation properties in low and high ambient temperatures. The superior thermal heat sink design by Evergreen used in conjunction with the driver controls thermals below critical temperature range to ensure maximum luminous flux output, as well as providing long LED service life and ensuring less than 10% lumen depreciation at 50,000 hours.

**Driver**
Options Available are Standard 120/277 volt, 0-10V Dimming for 120/277 volt, or Phase Dimming for 120 volt only

**Finishing**
All Evergreen Products go through an extensive inspection for pre-finishing prep to make sure all metal is clean and free of any defects.

**Paint**
UV Stabilized 4.9Mil thick powdercoat paint and backed at 400 degree F. This process ensures that Evergreen products can withstand harsh environments.
Rated for use in High Impact environments.

**Hardware.**
Provided Hardware is Galvanized Steel 3/8 X 12" Long Anchor Bolts complete with Washers and Nuts.

**Regressed Screw Holes**
Tapped holes are threaded with a special aluminum Tap Tool designed to prevent the regressed Flat Head screws from stripping out or being tightened flush with the bollard body.

**High Impact Acrylic Lens.**
Manufactured with Ulta High Impact, Naturally UV Stabilized Virgin Acrylic.

**Optics & LED**
Precise optic design provides exceptional light control and precise distribution of light. LED CRI - 90

**Lumen - Maintenance Life**
L80 / B10 at 50,000 hours (This means that at least 90% of the LEd still achieve 80% of their original flux)

## Standard Options

| Lamp | Finish Powdercoat Color | | Acrylic Lens | LED Color | Options (Adder) |
|---|---|---|---|---|---|
| | AB - Architectural Bronze | TW - Textured White | WF - White Frosted | 27K - 2700K | EM - Emergency Battery Backup |
| 30w LED | TBR - Textured Bronze | MG - Metallic Grey | CA - Clear | 30K - 3000K | MS - Motion Sensor |
| | ORB - Oil Rubbed Bronze | MN - Metallic Nickel | CFA - Clear Frosted | 35K - 3500K | GFCI - GFI Receptacle & Cover |
| | MBK - Matte Black | SB - Satin Brass | | 41K - 4100K | DIM - 0-10V Dimming |
| | TBK - Textured Black | CH - Chrome | | 50K - 5000K | PDIM - Phase 2 Wire Dimming |
| | GBK - Semi Gloss Black | TVP - Textured Verde Patina | | | (120 volt only) |
| | TR - Textured Rust | GV - Gold Vein | | | 590 - 590nm LED chips (Turtle) |
| | MW - Matte White | CV - Copper Vein | | | CSM - Custom Modifications |
| | GW - Gloss White | SV - Silver Vein | | | CBPLT - Custom Baseplate |

**Ordering Example: A-TL-BOL38-30L-MG-WF-41K-OPTION**

| Model | Lamp | Finish | Lens | LED Color | Options |
|---|---|---|---|---|---|
| | | | | | |

### PERFORMANCE

**Delivered Lumens - 929**
**Type IV Distribution**
**Bug Rating B0-U3-G1**

**Zoom ISO to 600%**

Distance In Units Of Mounting Height
Values Based On 3.2 Foot Mounting Height
House Side / Street Side
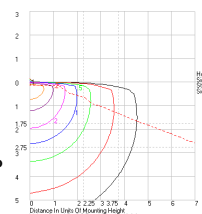
PROJECT:

DATE:

QUANTITY:

TYPE:

NOTE:

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