EC-VEN-11-32-5-12W

**EVERGREEN LIGHTING**

MADE IN USA

Multifamily Venus Bollard

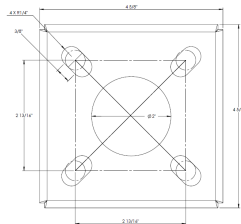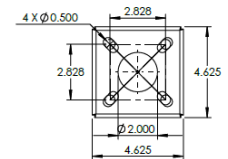*Meets all BAA and BABA Made in USA Requirements*

Venus Square Pyramid Roof Bollard Design with a Full Distribution of LED Lighting. 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 - 5"

Height - 32"

Weight - 22lbs

IP65 Suitable For Wet Locations

Impact Resistant (Vandal Resistant)
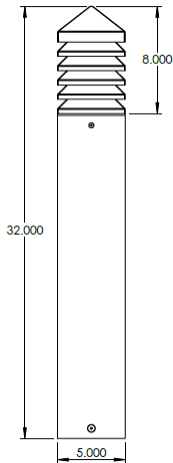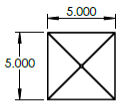
Inside Anchor Base Mounting Detail

5.000

5.000

8.000

32.000

5.000

4 X Ø 0.500

2.828

2.828   4.625

Ø 2.000

4.625

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 inside 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
12w	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
LED	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: EC-VEN-11-32-5-12W-TBR-WF-30K

Model	Lamp	Finish	Lens	LED Color	Options

PERFORMANCE

Delivered Lumens - 470
Type VS Distribution
Bug Rating B0-U2-G1

Zoom ISO to 600%