AccessFixtures
High-Performance Lighting Solutions

EXTREME LIFE LED Technology

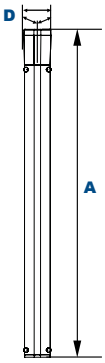
TRIA

L70 25°C 147,000 Hours

EXTREME LIFE LED BOLLARD LIGHT

- Unique Shape
- Choice of Clear or Opal Lens
- Select 3000, 4000 or 5000 Kelvin

BUY AMERICAN ACT COMPLIANT



Dimensions	
Length[3] (D)	3½″ (90mm)
Height (A)	43¼″ (1099mm)

Specifications and Features:

Housing:
Extruded Aluminum Housing with Flush Mounting Base, Flat Top. Bollards Can Be Cut to Custom Lengths Upon Request.

Listing & Ratings:
CSA: Listed for Wet Locations, ANSI/UL 1598, 8750
IP66 Sealed LED Compartment.

Finish:
Textured Architectural Bronze or Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Style:
Specially Designed White Cone Reflector that Minimizes Diode Brightness

Lens:
Clear UV-Stabilized Polycarbonate or SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens.

Mounting Options:
Mounting Kit with 8″ Zinc-Plated Anchor Bolts, Included.

EasyLED LED:
Aluminum Boards

Wattage:
Array: 12w, System: 11.8w; (50w HID Equivalent)

Driver:
Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls:
Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Warranty:
5-Year Warranty for -40°C to +50°C Environment.

See Page 3 for Projected Lumen Maintenance Table.

Project Information:

Project Name:

Fixture Type:

Complete Catalog #:

Date:

Comments:

Certification & Listings:

IP66

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Specifications subject to change without notice. Rev. 041621

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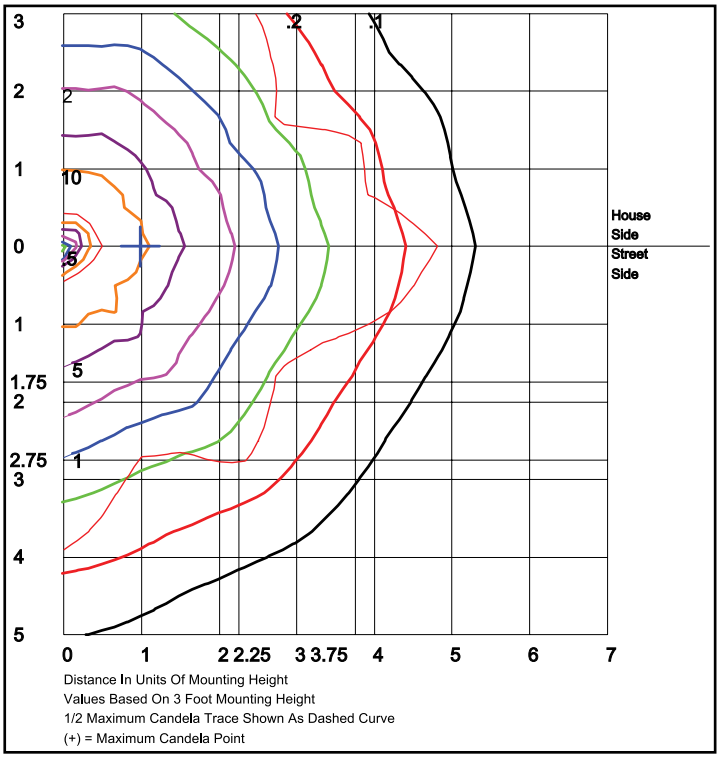
EXTREME LIFE Bollard Light

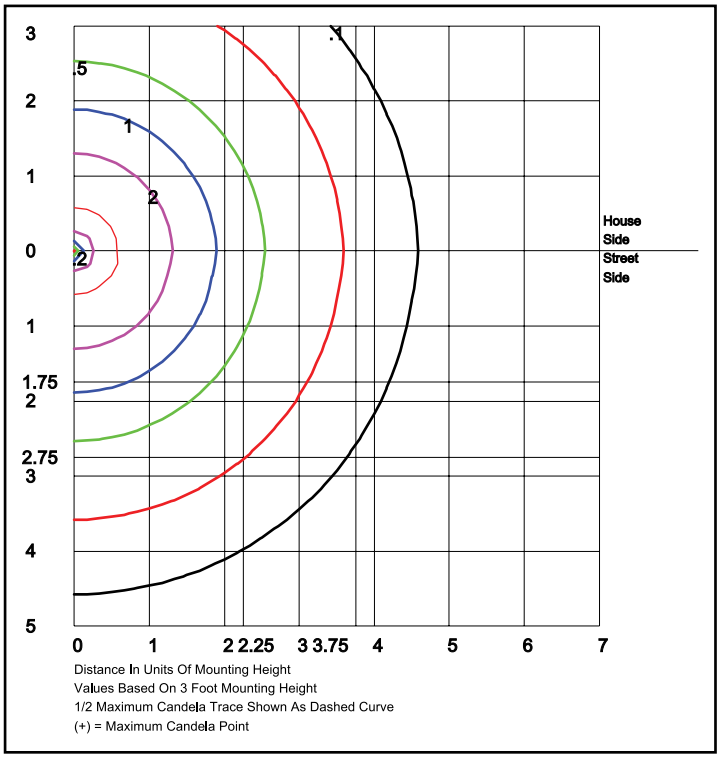
Order Information Example: B12QF1X12U5KCZ30SP

AF33XB12Q	F	1X12	U					
Model	**Optic**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Height**	**Options**
AF33XB12Q = LED Bollard, Contemporary Series	**F**=Wide Beam Spread	**1X12**=12w	**U**=120-277V	**3K**=3000K **4K**=4000K **5K**=5000K	**C**=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens **L**=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	**Z**=Bronze **B**=Black **C**=Custom (Consult Factory)	**(Leave Blank)**= 43¼″ Standard Height **36**=36″ Height **30**=30″ Height **C**=Custom* ***Consult Factory. 15" Minimum.**	**SF**=Single Fuse* **DF**=Double Fuse* **SP**=Surge Protection ***120-277V Models Only.**

Photometric Data



AF33XB12QF1X12U5KC
Type V, Clear Lens
Grid in feet, Mounting Height = 3 ft.



AF33XB12QF1X12U5KL
Type V, LumaLens
Grid in feet, Mounting Height = 3 ft.

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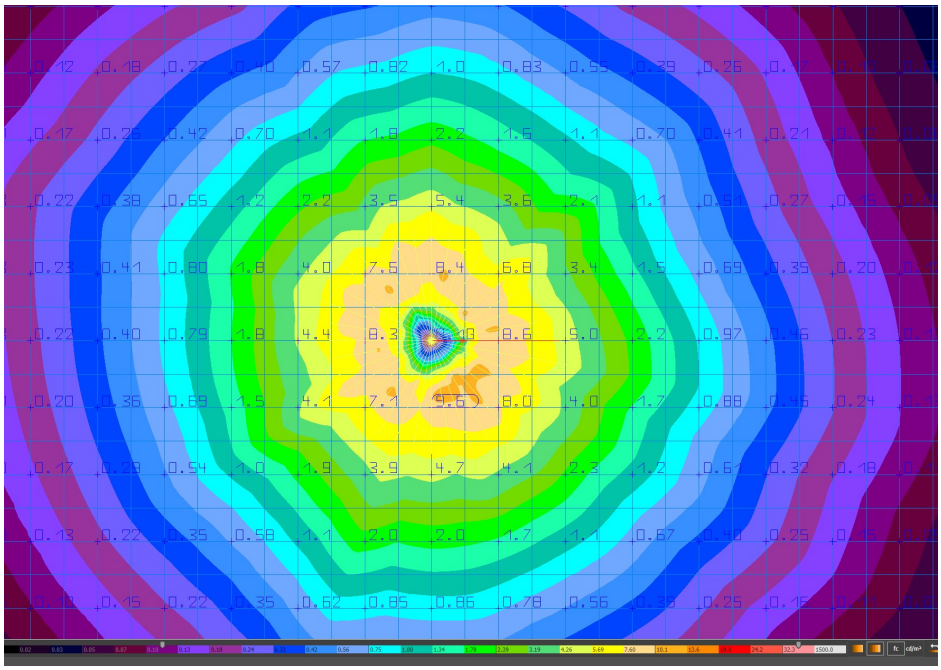
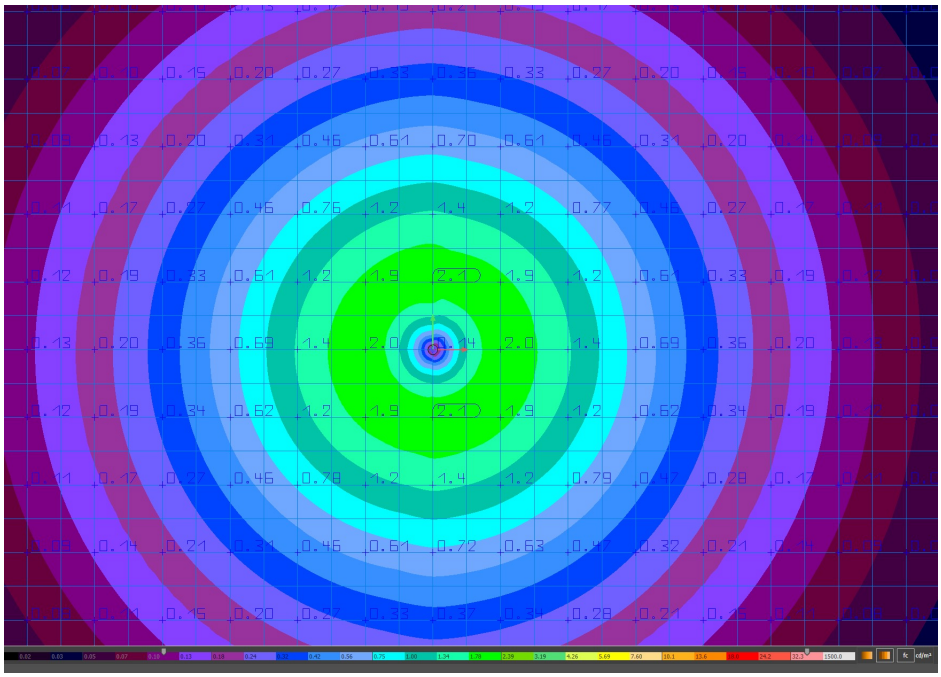
TRIA 12 with a Clear Lens Emits Over 1 Footcandle up to 7'6" Away



TRIA 12 with an Opal Lens Emits Over 1 Footcandle up to 5' Away



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Photometric Performance

Optic	Wattage (Catalog Logic) / Input Watts / CCT	12W (1X16) / 11.8W / Delivered Lumens
AF33XB12 with Clear Lens F=Type V Optic	3000K	1,221
	4000K	1,271
	5000K	1,320
	BUG Rating	B1-U3-G1
AF33XB12 with LumaLens F=Type V Optic	3000K	780
	4000K	812
	5000K	843
	BUG Rating	B0-U3-G1

Projected Lumen Maintenance

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 12w	1.00	0.95	0.90	0.80	147,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.89	0.78	0.55	67,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.92	0.85	0.70	66,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.