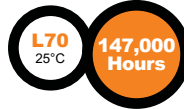


B12Q DuraLED Triangular Bollard, Contemporary Series



Project Information	
Project Name: _____	Fixture Type: _____
Complete Catalog #: _____	Date: _____
Comments: _____	

The DuraLED LED Triangular Bollard with choice of lenses is designed to replace HID lighting systems up to 50w MH or HPS. The triangular shape provides a slender and unobtrusive appearance for pedestrian and parking area lighting for office parks, educational and medical facilities, multi-family housing, walkways and landscape accents.



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.

DURALED 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.

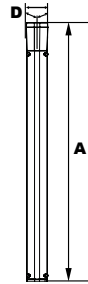
CONTROLS:

Fixtures are NOT Designed for Use with Line Voltage Dimmers.

WARRANTY:

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

See Page 2 for Projected Lumen Maintenance Table.



Dimensions

Length³ (D)	3½" (90mm)
Height (A)	43¼" (1099mm)

DuraLED TECHNOLOGY

Complete Units
Ordering Information
Example: B12QF1X12U5KCZ30SP

B12Q DuraLED Triangular Bollard, Contemporary Series

B12Q	F	1X12	U					
Model	Optic	Wattage	Driver	CCT	Lens	Color	Height	Options
B12Q =DuraLED Triangular Bollard, Contemporary Series	F =Wide Beam Spread	1X12 =12w	U =120-277V	3K =3000K 4K =4000K 5K =5000K		Z =Bronze B =Black C =Custom (Consult Factory)	(Leave Blank) = 43¼" Standard Height 36 =36" Height 30 =30" Height C =Custom*	SF =Single Fuse* DF =Double Fuse* SP =Surge Protection *120-277V Models Only.
<p>C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens</p>								

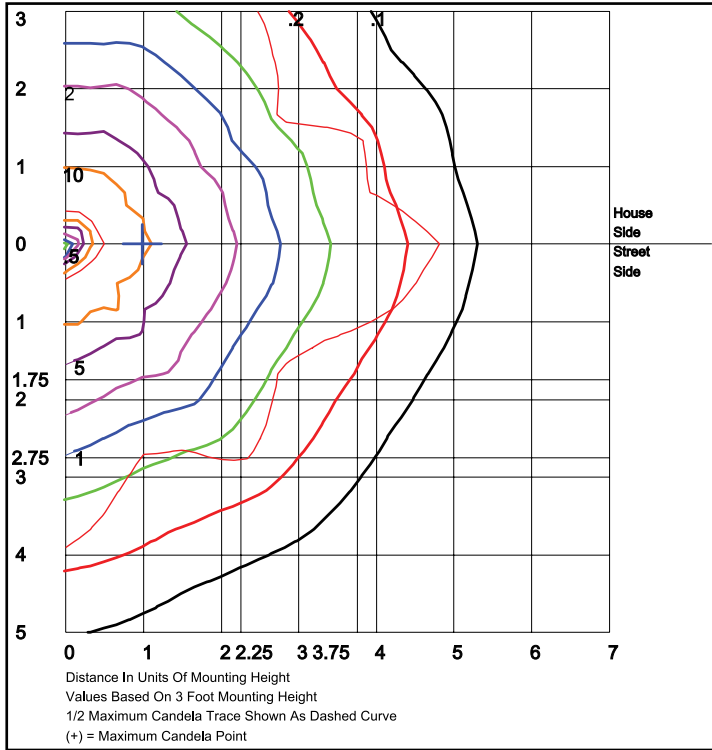


Specifications subject to change without notice.

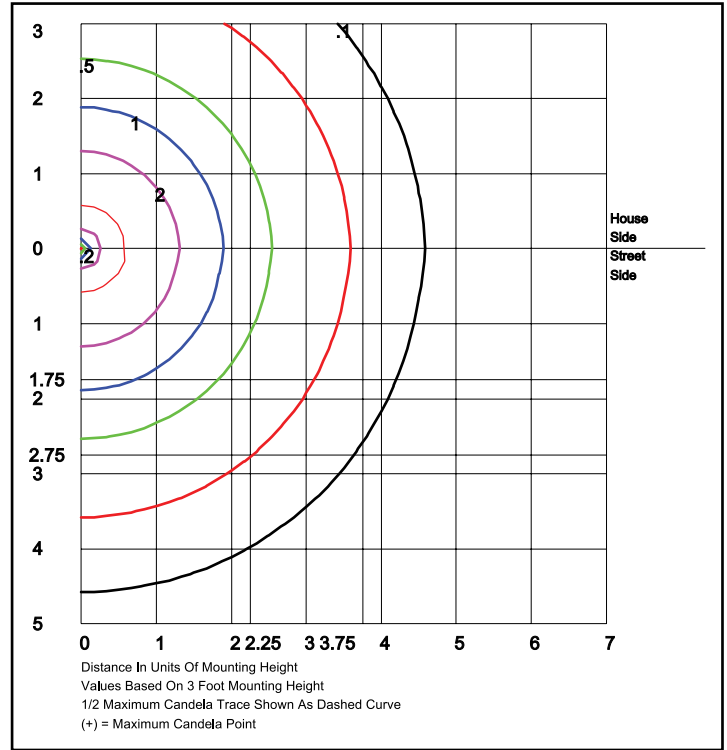
B12Q DuraLED Triangular Bollard, Contemporary Series



PHOTOMETRIC DATA



B12QF1X12U5KC
Type V, Clear Lens
Grid in feet, Mounting Height = 3 ft.



B12QF1X12U5KL
Type V, LumaLens
Grid in feet, Mounting Height = 3 ft.

PHOTOMETRIC PERFORMANCE

Optic	Wattage (Catalog Logic)	12W (1X16)
	Input Watts	11.8W
	CCT	Delivered Lumens
B12 with Clear Lens F=Type V Optic	3000K	1,221
	4000K	1,271
	5000K	1,320
	BUG Rating	B1-U3-G1
B12 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	Input Watts	Compare to MH				Calculated LED Life
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	
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.