

ECNB11Q **ThermaLED** echnology

ThermaLED Low Profile Side Light Pathway Bollard



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L70
(25°C) **147,000 Hours**

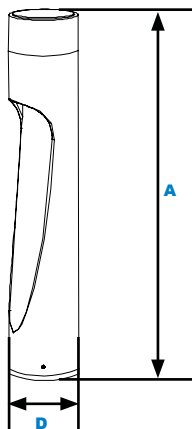


The Eco-Revolutions ThermaLED ECNB11Q Low Profile Side Light Pathway Bollard provides full cutoff lighting for outdoor path, walkways and landscape areas using asymmetric optics designed to replace outdated Halogen and Compact Fluorescent lighting systems. These fixtures are ideal for landscaped areas at retail centers, parks, restaurants, hotels, schools and universities, office buildings and medical facilities.

Specifications and Features:

Housing:	Cast Aluminum Housing with Flush Mounting Base, Flat Top.
Listing & Ratings:	CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP66 Sealed LED Compartment.
Finish:	Textured Architectural Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.
Lens:	Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens
Mounting Options:	Mounting Kit with 8" Zinc-Plated Anchor Bolts, Included.
ThermaLED LED:	Aluminum Boards
Wattage:	18w: Array: 18w, System: 20.5w
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.
Warranty:	5-Year Warranty for -40°C to +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.



Dimensions

Diameter (D)	4¾" (120mm)
Height (A)	25½" (650mm)

Certification & Listings:



Project Information:

Project Name: _____ Fixture Type: _____

Complete Catalog #: _____ Date: _____

Comments: _____

5 LOCATIONS
Tampa, FL
Vancouver, WA
Cerritos, CA
Walden, NY
Memphis, TN

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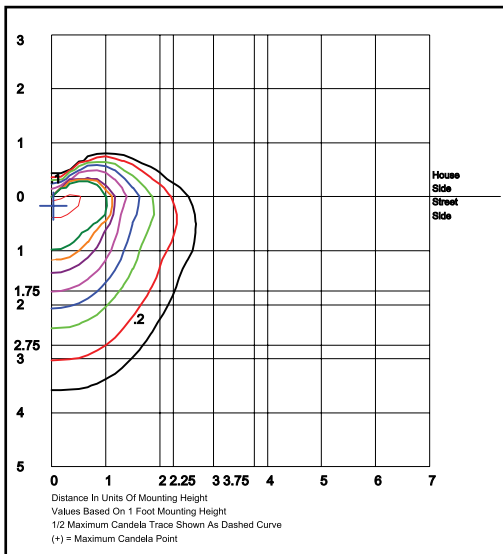


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Order Information Example: ECNB11QF1X18U4KCZSP

ECNB11Q	F	1X18	U		C		
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
ECNB11Q=ThermaLED Low Profile Side Light Pathway Bollard	F=Asymmetric	1X18=18w	U=120-277V	3K=3000K 4K=4000K 5K=5000K	C=Clear Molded UV-Stabilized Polycarbonate Lens	Z=Bronze B=Black P=Platinum C=Custom (Consult Factory)	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection *120-277V Models Only.

Photometric Data



ECNB11QF1X18U5KC
Grid in feet, Mounting Height = 2 ft.

Photometric Performance

	Wattage (Catalog Logic)	18W (1X18)
	Input Watts	20.5W
Optic	CCT	Delivered Lumens
F=Asymmetric	3000K	311
	4000K	324
	5000K	337
	BUG Rating	B0-U0-G0

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 18w	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.