

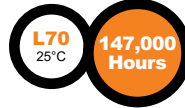
# NB11Q DuraLED Amber LED Low Profile Side Light Pathway Bollard



<b>Project Information</b>	
Project Name: _____	Fixture Type: _____
Complete Catalog #: _____	Date: _____
Comments: _____	

The DuraGuard Amber LED NB11Q Low Profiles 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full cutoff lighting for outdoor path, walkways and landscape areas using asymmetric optics designed to replace outdated Halogen and Compact Fluorescent lighting systems for wildlife, dark skies, or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595nm, greater than 560nm required for wildlife protection. 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.

**AMBER LED:**

Aluminum Boards

**LISTING & RATINGS:**

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

**WATTAGE:**

17w: Array: 17w, System: 18.7w

**FINISH:**

Textured Architectural Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

**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.

**LENS:**

Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens

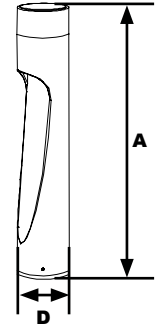
**WARRANTY:**

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

See Page 2 for Projected Lumen Maintenance Table.

**MOUNTING OPTIONS:**

Mounting Kit with 8" Zinc-Plated Anchor Bolts, Included.



**Dimensions**

<b>Diameter (D)</b>	4 1/4" (120mm)
<b>Height (A)</b>	25 1/2" (650mm)

**DuraLED TECHNOLOGY**

Complete Units Ordering Information  
Example: **NB11QF1X17UAMCZSP**

## NB11Q DuraLED Amber LED Low Profile Side Light Pathway Bollard

# DuraLED Amber Series

NB11Q	F	1X17	U	AM	C
Model	Optics	Wattage	Driver	CCT	Lens
<p><b>NB11Q</b>=DuraLED Amber Low Profile Side Light Pathway Bollard</p> <p><b>F</b>=Asymmetric    <b>1X17</b>=17w    <b>U</b>=120-277V    <b>AM</b>=Amber</p> <p><b>C</b>=Clear Molded UV-Stabilized Polycarbonate Lens</p>					

Color	Options
<p><b>Z</b>=Bronze</p> <p><b>B</b>=Black</p> <p><b>P</b>=Platinum</p> <p><b>C</b>=Custom (Consult Factory)</p>	<p><b>SF</b>=Single Fuse*</p> <p><b>DF</b>=Double Fuse*</p> <p><b>SP</b>=Surge Protection</p> <p><b>*120-277V Models Only.</b></p>

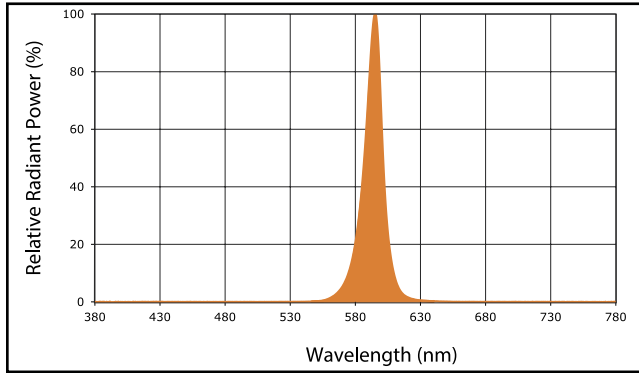


Specifications subject to change without notice.

# NB11Q DuraLED Amber LED Low Profile Side Light Pathway Bollard



## SPECTRAL CHART



## PHOTOMETRIC PERFORMANCE

LED Board Watts	Input Watts	Optics	Amber LED				
			Lumens	LPW	B	U	G
Amber 17w	18.7w	Asymmetrical	145	8	0	0	0

## PROJECTED LUMEN MAINTENANCE

Data shown for Amber LEDs	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	17w	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.