

Spec Grade  
**PROlite** LED Lighting

A Division of Emergensee® Lighting, Inc.

TYPE: \_\_\_\_\_ DATE: \_\_\_\_\_

JOB NAME: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

CATALOG NO: \_\_\_\_\_

NOTES: \_\_\_\_\_

## PNB5Q

### EasyLED Low Profile Pathway Bollard



The LEPA EasyLED PNB5Q Low Profile Pathway Bollard provides full cutoff lighting for outdoor path, walkways and landscape areas using wide spread optics designed to replace outdated Halogen and Compact Fluorescent lighting systems.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:** Die Cast Aluminum Housing Sealed Driver Compartment. 360° Distribution, or 120° or 180° Shield.

**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.

**Lens:** Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens

**Mounting Options:** Mounting Kit with 8" Anchor Bolts, Included.

#### EasyLED LED: Aluminum Boards

Wattage: 360° 17w Array: 16.6w, System: 18.9w 180° & 120° 16w Array: 15.5w, System: 18.5w; (70w 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.  
12V: Electronic Driver, 12-17VAC Input, 50/60Hz, Non-Dimmable

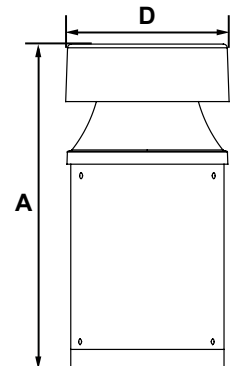
**Warranty:** 5-Year Warranty for -40°C to +50°C Environment.



#### Dimensions

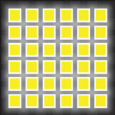
**Diameter (D)** 4¾" (120mm)

**Height (A)** 10" (254mm)



#### Order Information:

Model	Driver	CCT	Lens	Color	Height	Options
<b>PNB5OQF1X17</b> = Low Profile Pathway Bollard - 360° Shield	U=120-277V V=12V	3K=3000K* 4K=4000K 5K=5000K	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens	Z=Bronze B=Black C=Custom (Consult Factory)	10=10" C=Custom*	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) SP=Surge Protection
<b>PNB5TQF1X16</b> =Low Profile Pathway Bollard with 120° Shield		*360° models only			*Consult factory. Minimum NEC requirements for wiring space and above ground level must be met.	
<b>PNB5HQF1X16</b> =Low Profile Pathway Bollard with 180° Shield						



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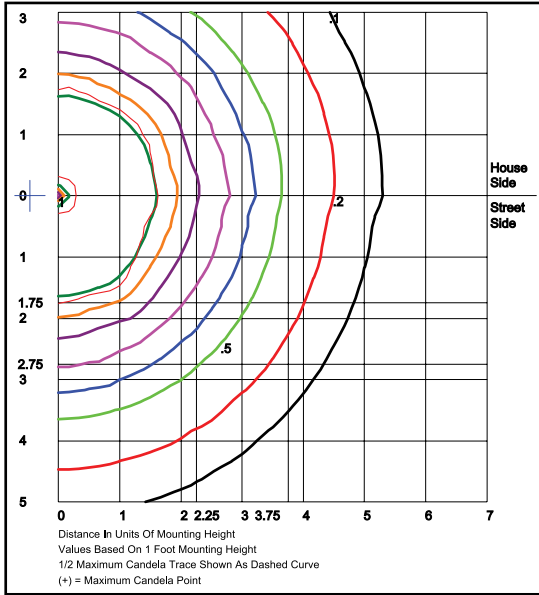
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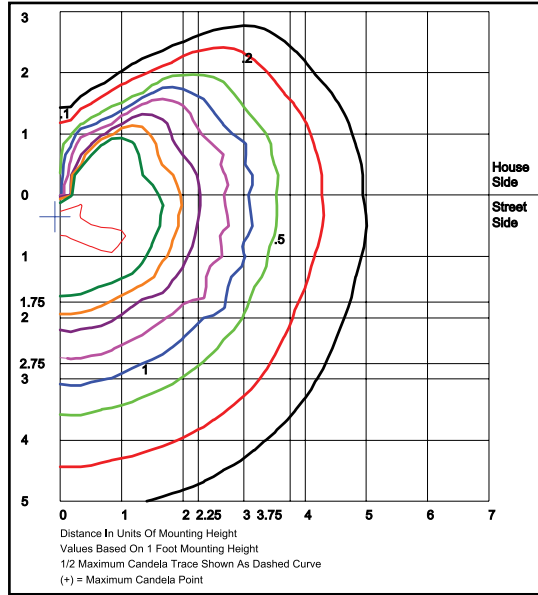
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**Photometric Data**



**PNB5OQF1X17U5K**  
Grid in feet, Mounting Height=1ft.



**PNB5HQF1X16U5K**  
Grid in feet, Mounting Height=1ft.

**Photometric Performance**

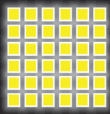
LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI					3000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 19w	525	19	360° PNB5OQ	702	37	0	1	0	674	36	0	1	0	621	33	0	1	0
EasyLED 19w	525	19	180° PNB5HQ	508	28	0	1	0	488	26	0	1	0	-	-	-	-	-

**Projected Lumen Maintenance**

Data shown for 4000 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 77w	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 525mA 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.



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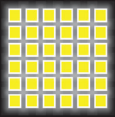
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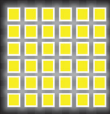
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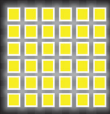
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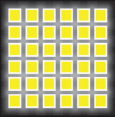
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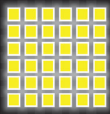
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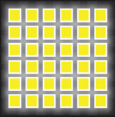
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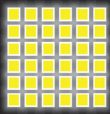
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