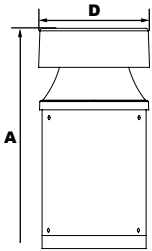




**LOW PROFILE LED  
 PATHWAY BOLLARDS**

**L70**  
 25°C 147,000 Hours



Dimensions	
<b>Diameter (D)</b>	4 3/4" (120mm)
<b>Height (A)</b>	10" (254mm)

Pemco's 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full cutoff lighting for outdoor path, walkways and landscape areas using wide spread optics designed to replace outdated Halogen and Compact Fluorescent lighting systems.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" Zinc-Plated Anchor Bolts, Included.

**EasyLED LED:**

Aluminum Boards

**Wattage:**

360° Arrays: 12w & 16.6w, System: 12.9w & 18.9w  
 180° & 120° Arrays: 10w & 15.5w, System: 11.2w & 17w; (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.

**Warranty:**

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

See Page 2 for Projected Lumen Maintenance Table.

**QUICK SHIP** Quick Ship option for Standard heights & colors only

**Order Information Example:**

**PNB50QF1X17U4KCZ10SP**

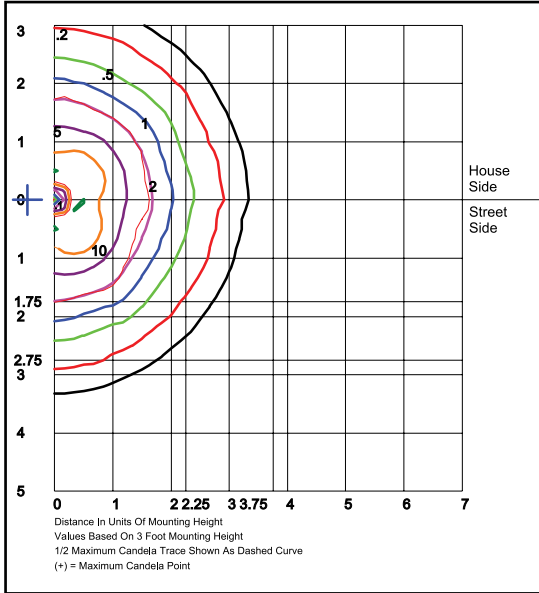
Model	U	CCT	C	Color	Height	Options
<b>PNB50QF1X12</b> =Low Profile Pathway Bollard - 360°, 12w <b>PNB50QF1X17</b> =Low Profile Pathway Bollard - 360°, 17w <b>PNB5TQF1X10</b> =Low Profile Pathway Bollard with 120° Shield, 10w <b>PNB5TQF1X16</b> =Low Profile Pathway Bollard with 120° Shield, 16w <b>PNB5HQF1X10</b> =Low Profile Pathway Bollard with 180° Shield, 10w <b>PNB5HQF1X16</b> =Low Profile Pathway Bollard with 180° Shield, 16w	<b>U</b> =120-277V	<b>3K</b> =3000K <b>4K</b> =4000K <b>5K</b> =5000K	<b>C</b> =Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens	<b>Z</b> =Bronze <b>B</b> =Black <b>C</b> =Custom (Consult Factory)	<b>10</b> =10" <b>C</b> =Custom*	<b>SF</b> =Single Fuse (120-277V Only) <b>DF</b> =Double Fuse (120-277V Only) <b>SP</b> =Surge Protection



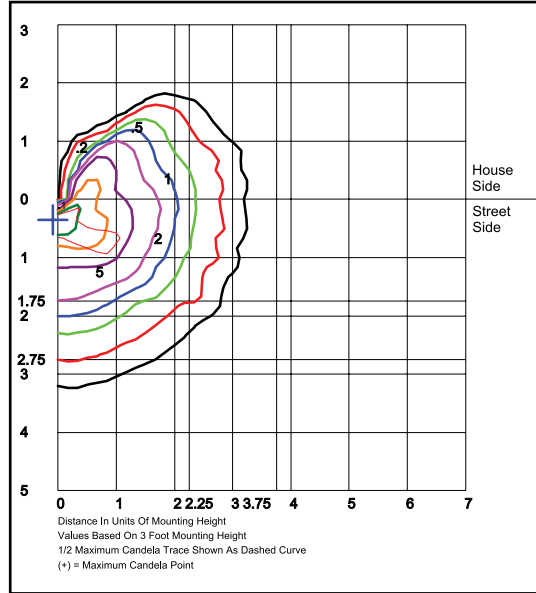


# LOW PROFILE LED PATHWAY BOLLARDS

### Photometric Data



**PNB5QQF1X17U5K**  
Grid in feet, Mounting Height=1ft.



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

### Photometric Performance

Optic	CCT	Wattage (Catalog Logic)	
		12W (1X12)	17W (1X17)
<b>360° PNB50 Models</b> <b>F=Type V Optic</b>	Input Watts	12.9W	18.1W
	Delivered Lumens		
	3000K	479	671
	4000K	520	728
	5000K	541	758
	BUG Rating	B0-U1-G0	B1-U2-G0

Optic	CCT	Wattage (Catalog Logic)	
		10W (1X10)	16W (1X16)
<b>180° PNP5H Models</b> <b>F=Type V Optic</b>	Input Watts	11.2W	17W
	Delivered Lumens		
	3000K	338	508
	4000K	352	528
	5000K	366	549
	BUG Rating	B0-U1-G0	B0-U1-G0

### 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
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	All wattages up to and including 18w	1.00	0.95	0.90	0.80	147,000
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>		1.00	0.89	0.78	0.55	67,000
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>		1.00	0.92	0.85	0.70	66,000

#### NOTES:

- 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.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.