



LED PATH LIGHTS

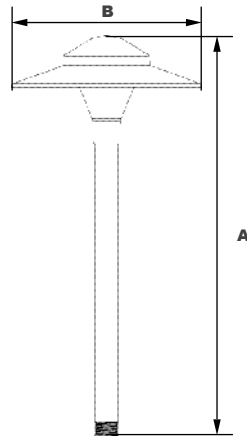
L70
 25°C 187,000 Hours



12V
 AVAILABLE

Dimensions

Diameter (B)	9 1/4" (245mm)
Height (A)	20 1/4" (514mm)



Pemco's PNP20 Pathlight provides full cutoff lighting for outdoor path, walkways and landscape areas using wide spread SoftLED LumaLens optics designed to replace outdated Halogen and Compact Fluorescent lighting systems. These fixtures are ideal for retail centers, restaurants, hotels, schools and universities, public transit and airports, office buildings and medical facilities.

Specifications and Features:

Housing:

Die-Cast Aluminum Shade and Housing, Aluminum Stanchion.

Listing & Ratings:

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

Finish:

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

Lens:

Clear or LumaLens Opal Polycarbonate Array Lens

Mounting Options:

3/4" Diameter Threaded Stanchion. Includes 3/4" to 1/2" Threaded Adaptor.

EasyLED LED:

Aluminum Boards

Wattage:

Array: 14w, System: 16.9w

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.

See Page 2 for Projected Lumen Maintenance Table.

Order Information Example:

PNP200920QF14V4KLZ

PNP20	09	20	Q	F	14		4K		
Model	Diameter	Height	LED	Optic	Wattage	Driver	CCT	Lens	Color
PNP20=Palm Harbor Path Light	09=9" Shade	20=20" Overall Height	Q=QSSI LED Array	F=Type V	14=14w	U=120-277V V=12V	4K=4000K	L=LumaLens Opal Array C=Clear Polycarbonate Lens	Z=Bronze C=Custom (Consult Factory)





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Accessories & Replacement Parts:



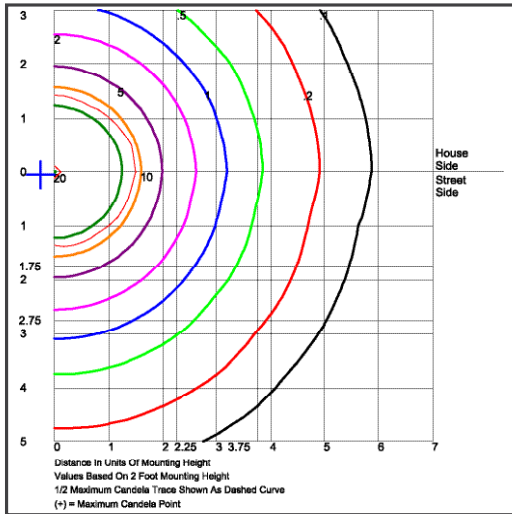
Mounting Accessories (Order Separately, Field Installed)

FLSTK	Heavy Duty Ground Stake, Built-in Wiring Compartment with 1/2" NPS Threaded Fitting, Black Plastic. For Line-Voltage Applications.
NA04	Plastic Ground Stake with 1/2" NPT Threads, 11" H x 3" Diameter. For Low-Voltage Applications.

Accessories (Order Separately, Field Installed)

NT150BK	150w, 120V Black Powdercoat Steel Landscape Transformer, 12V, with Timer and Photocell
NT300SS	300w, 120V Stainless Steel Landscape Transformer, 12V, with Timer and Photocell
NT300SSM	300w, 120V Stainless Steel Landscape Transformer, Multi-Tap 12/14/17V, with Timer and Photocell

Photometric Data



PNP200920QF14U4KL
Type V
Grid in MH
MH=2 Feet

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optic	4000 CCT 80 CRI				
				Lumens	LPW	B	U	G
EasyLED 14w	125	17	Type V	1,543	92	1	0	1

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 L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	17	1.00	0.96	0.92	0.84	187,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	17	1.00	0.95	0.89	0.79	141,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	17	1.00	0.95	0.91	0.82	110,000

NOTES:

- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 125mA 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.