PROlite LED Lighting™

JOB NAME: _____

TYPE: _____

PART #: _____

NOTES: _____

PB1PTQ Series

EasyLED Round & Square Pillar Tops

This Pillar Top luminaires with UV-stabilized polycarbonate lenses and sealed optical compartments are designed to replace HID lighting systems up to 70w MH or HPS. These fixtures are designed for use on pillars, columns, fences, railings and other outdoor structures. Ideal for use in retail centers, schools and universities, office buildings, apartments and condominium complexes, and residential areas.

Specifications and Features:

Housing: Die Cast Aluminum Housing with Flush Mounting Base, Flat, Dome and Pyramid Top, Internal Driver Tray for Easy Maintenance. ½" Coin Plugs for Photocell and Conduit Entry.

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.

Reflector: Reflective White UV-Stabilized Polycarbonate Cone Reflector

Lens: Clear UV-Stabilized Polycarbonate or SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens.

Mounting: Flush Mount on Flat Surfaces. Cast-In Electrical Box Template with ½" Coin Plug on Bottom.

EasyLED LED: Aluminum Boards

Wattage: Array: 23w, System: 27w; (70w HID Equivalent)

Driver: Electronic Driver, 120-277V, 50/60Hz or 347V, 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 -20°C to +40°C Environment.



PB1PT
Round Flat Pillar Top



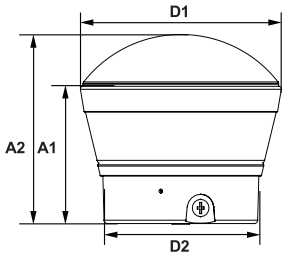
PB1BPTQ
Round Dome Pillar Top

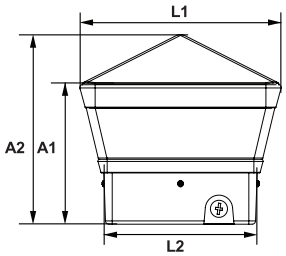


PB2CPTQ
Square Pyramid Pillar Top



PB2PTQ
Square Flat Pillar Top





Dimensions		Dimensions	
Diameter (D1)	9⅛″ (233mm)	Length² (L1)	9¼″ (236mm)
Diameter (D2)	7″ (178mm)	Length² (L2)	7″ (178mm)
Height (A1)	6¼″ (159mm)	Height (A1)	6⅜″ (162mm)
Height (A2)	8⅝″ (219mm)	Height (A1)	8¾″ (222mm)

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
	F=Wide Beam Spread	**1X23**=23w		**4K=**4000K			
PB1PTQ=Round Flat Pillar Top **PB1BPTQ**=Round Dome Pillar Top **PB2PTQ**=Square Flat Pillar Top **PB2CPTQ**=Square Pyramid Pillar Top	**F**=Wide Beam Spread	**1X23**=23w	**U**=120-277V **C**=347V	**4K=**4000K	**C**=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens **L**=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	**Z**=Bronze **B**=Black **C**=Custom (Consult Factory)	**SF**=Single Fuse (120-277V Only) **DF**=Double Fuse (120-277V Only) **SP**=Surge Protection **PC1**=Photocell, 120VAC **PC3**=Photocell, 120-277VAC

2026.10

Specifications subject to change without prior notice. © 2026 Emergensee Lighting Products, Inc. ALL RIGHTS RESERVED.

PROlite LED Lighting™

JOB NAME: _____

TYPE: _____

PART #: _____

NOTES: _____

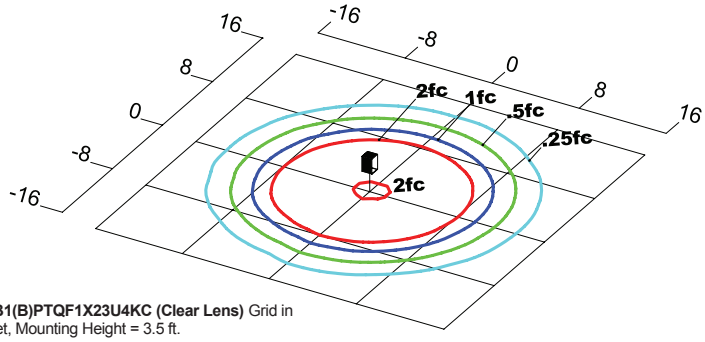
Accessories & Replacement Parts:



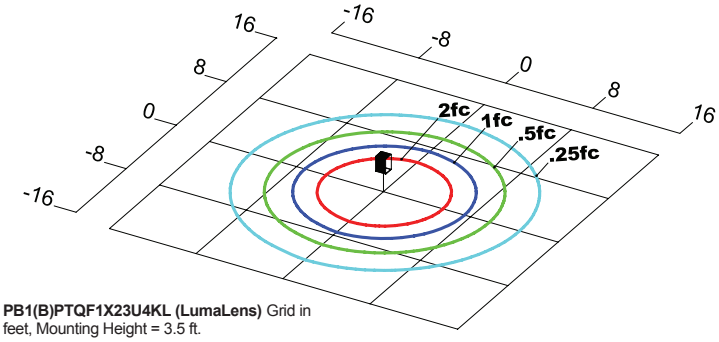
P18100 & P18103

Replacement Parts (Order Separately, Field Installed)	
P18100	120VAC, Photocell
P18103	120-277VAC Photocell

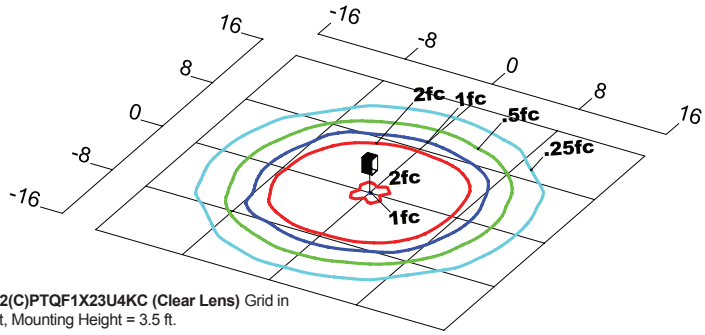
Photometric Data



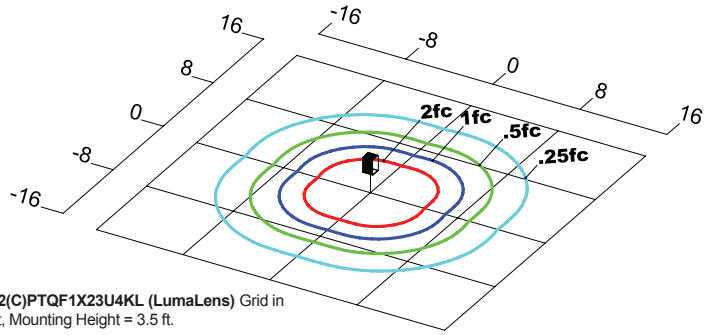
PB1(B)PTQF1X23U4KC (Clear Lens) Grid in feet, Mounting Height = 3.5 ft.



PB1(B)PTQF1X23U4KL (LumaLens) Grid in feet, Mounting Height = 3.5 ft.



PB2(C)PTQF1X23U4KC (Clear Lens) Grid in feet, Mounting Height = 3.5 ft.



PB2(C)PTQF1X23U4KL (LumaLens) Grid in feet, Mounting Height = 3.5 ft.

Photometric Performance

				4000 CCT 80 CRI				
LED Board Watts	**Drive Current (mA)**	**Input Watts**	**Bollards**	**Lumens**	**LPW**	**B**	**U**	**G**
EasyLED 23w	116	27	B1PT (Clear Lens)	2,093	78	1	3	1
			B1PT (LumaLens)	1,338	50	1	3	1
			B2PT (Clear Lens)	2,133	79	1	3	1
			B2PT (LumaLens)	1,287	48	1	3	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**
B1PT L70 Lumen Maintenance @ 25°C / 77°F	27	1.00	0.93	0.86	0.72	106,000
B2PT L70 Lumen Maintenance @ 25°C / 77°F	27	1.00	0.93	0.86	0.72	106,000
TM-21-11	**Input Watts**	**Initial**	**25,000 Hrs**	**50,000 Hrs**	**100,000 Hrs**	**Calculated L70@ 50°C**
B1PT L70 Lumen Maintenance @ 50°C / 122°F	27	1.00	0.91	0.83	0.66	88,000
B2PT L70 Lumen Maintenance @ 50°C / 122°F	27	1.00	0.91	0.83	0.66	88,000
TM-21-11	**Input Watts**	**Initial**	**25,000 Hrs**	**50,000 Hrs**	**100,000 Hrs**	**Calculated L80@ 40°C**
B1PT L80 Lumen Maintenance @ 40°C / 104°F	27	1.00	0.92	0.84	0.67	61,000
B2PT L80 Lumen Maintenance @ 40°C / 104°F	27	1.00	0.92	0.84	0.67	61,000

2026.10

Specifications subject to change without prior notice. © 2026 Emergensee Lighting Products, Inc. ALL RIGHTS RESERVED.