



EasyLED Round & Square Pillar Tops

L70
25°C **106,000 Hours**



B1PTQ
Round Flat
Pillar Top



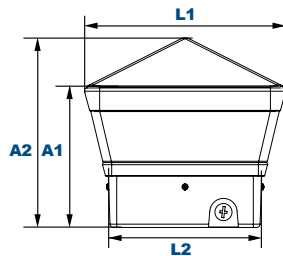
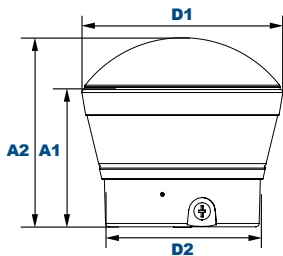
B1BPTQ
Round Dome
Pillar Top



B2CPTQ
Square Pyramid
Pillar Top



B2PTQ
Square Flat
Pillar Top



Dimensions

Diameter (D1)	9 1/8" (233mm)
Diameter (D2)	7" (178mm)
Height (A1)	6 1/4" (159mm)
Height (A2)	8 5/8" (219mm)

Dimensions

Length² (L1)	9 1/4" (236mm)
Length² (L2)	7" (178mm)
Height (A1)	6 3/8" (162mm)
Height (A1)	8 3/4" (222mm)

Order Information Example:

B1PTQF1X23U4KCZSF

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
B1PTQ =Round Flat Pillar Top B1BPTQ =Round Dome Pillar Top B2PTQ =Square Flat Pillar Top B2CPTQ =Square Pyramid Pillar Top	F =Wide Beam Spread	1X23 =23w	U =120-277V C =347V	4K =4000K	C =Clear Polycarbonate Vandal-Resistant Lens L =SoftLED LumaLens Opal 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

Project Information:

Project Name: _____ Fixture Type: _____
 Complete Catalog #: _____ Date: _____
 Comments: _____

Certification & Listings:



The EasyLED Pillar Top luminaires with 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 & Vandal-Resistant Screws, Flat, Dome and Pyramid Top, Internal Driver Tray for Easy Maintenance. 1/2" 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 Polycarbonate Cone Reflector

Lens:

Clear Polycarbonate or SoftLED LumaLens Opal Polycarbonate Vandal-Resistant Inner Lens to Seal LED Array.

Mounting:

Flush Mount on Flat Surfaces. Cast-In Electrical Box Template with 1/2" 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.

See Page 2 for Projected Lumen Maintenance Table.



L70
25°C

106,000 Hours

Accessories & Replacement Parts:

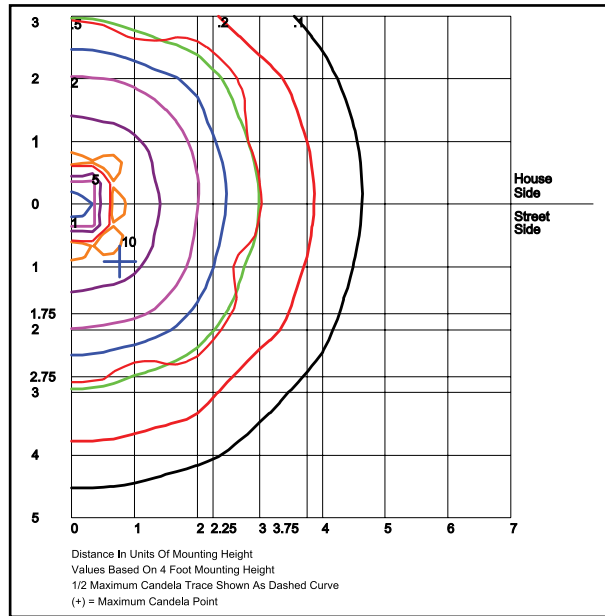
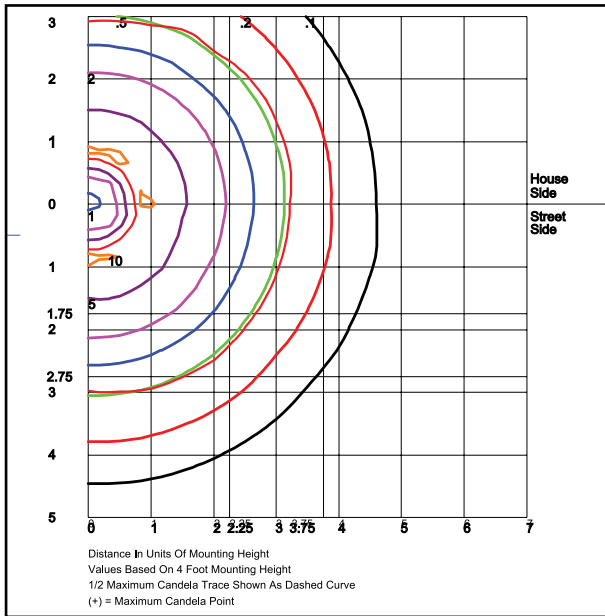


P18100 & P18103

Replacement Parts (Order Separately, Field Installed)

P18100	120VAC, Photocell
P18103	120-277VAC Photocell

Photometric Data



B1PTQF1X23U4KC
 Grid in feet, Mounting Height = 4 ft.

B2PTQF1X23U4KC
 Grid in feet, Mounting Height = 4 ft.

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Bollards	4000 CCT 80 CRI				
				Lumens	LPW	B	U	G
EasyLED 23w	350	27	B1PT (Clear Lens)	2,093	78	1	3	1
			B2PT (Clear Lens)	2,133	79	1	3	1

Projected Lumen Maintenance

Data shown for 4000 CCT TM-21-11	Input Watts	Compare to MH				
		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

NOTES:
 1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 350mA 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.