



# BO11PT & BO12PT

## Boise LED Round & Square Pillar Tops



**BO11PTQ**  
Round Flat Pillar  
Top



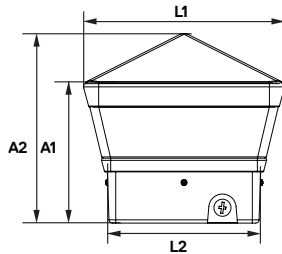
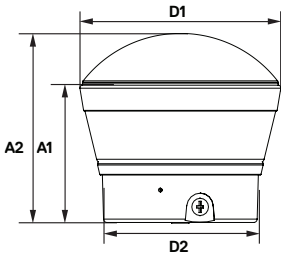
**BO11BPTQ**  
Round Dome Pillar  
Top



**BO12CPTQ**  
Square Pyramid  
Pillar Top



**BO12PTQ**  
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

Length <sup>2</sup> (L1)	9 1/4" (236mm)
Length <sup>2</sup> (L2)	7" (178mm)
Height (A1)	6 5/8" (162mm)
Height (A2)	8 3/4" (222mm)

The SaySpec Boise LED 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. 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 UV-Stabilized Polycarbonate Cone Reflector

#### LENS:

Clear UV-Stabilized Polycarbonate or Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens.

#### MOUNTING:

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

#### LED:

Aluminum Boards; 106,000 Hours of L70 LED Life (25°C)

#### WATTAGE:

Array: 16w, System: 17.7w; (70w HID Equivalent)  
Array: 23w, System: 27w; (70w HID Equivalent)  
Array: 34w, System: 37.2w; (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.

### Order Information Example:

B1PTQFIX23U4KCZSF

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
BO11PTQ=Boise Round Flat Pillar Top BO11BPTQ= Boise Round Dome Pillar Top BO12PTQ= Boise Square Flat Pillar Top BO12CPTQ= Boise Square Pyramid Pillar Top	F=Wide Beam Spread	1X16=16w 1X23=23w 1X34=34w	U=120-277V C=347V* H=347-480V** *23w Model Only **34w Model Only	3K=3000K* 4K=4000K *Square models only.	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens L=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

### Project Information:

PROJECT NAME: \_\_\_\_\_ FIXTURE TYPE: \_\_\_\_\_

COMPLETE CATALOG#: \_\_\_\_\_ DATE: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

### Certification & Listings:



ACCESSORIES & REPLACEMENT PARTS:

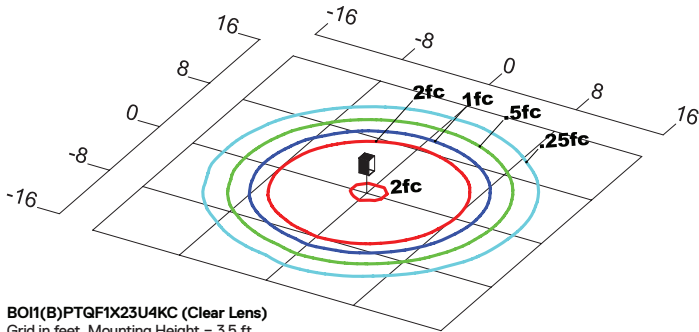


P18100 & P18103

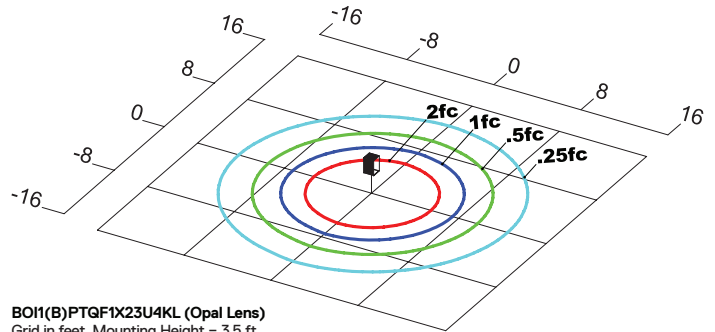
Replacement Parts  
(Order Separately, Field Installed)

P18100	120VAC, Photocell
P18103	120-277VAC Photocell

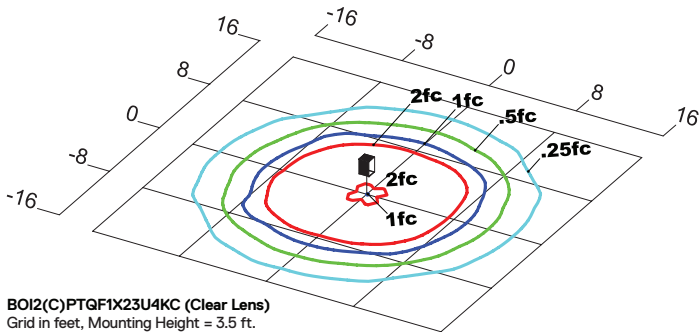
PHOTOMETRIC DATA



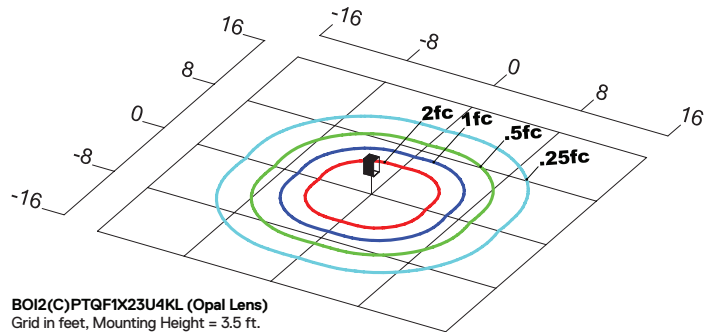
BOI1(B)PTGF1X23U4KC (Clear Lens)  
Grid in feet, Mounting Height = 3.5 ft.



BOI1(B)PTGF1X23U4KL (Opal Lens)  
Grid in feet, Mounting Height = 3.5 ft.



BOI2(C)PTGF1X23U4KC (Clear Lens)  
Grid in feet, Mounting Height = 3.5 ft.



BOI2(C)PTGF1X23U4KL (Opal Lens)  
Grid in feet, Mounting Height = 3.5 ft.

PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts	Bollards	4000 CCT 80 CRI					3000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
LED 23w	116	27	BOI1PT (Clear Lens)	2,093	78	1	3	1	-	-	-	-	-
			BOI1PT (Opal Lens)	1,338	50	1	3	1	-	-	-	-	-
			BOI2PT (Clear Lens)	2,133	79	1	3	1	1,966	73	1	3	1
			BOI2PT (Opal Lens)	1,287	48	1	3	1	1,187	44	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	
BOI1PT L70 Lumen Maintenance @ 25°C / 77°F	27	1.00	0.93	0.86	0.72	106,000	
BOI2PT 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	
BOI1PT L70 Lumen Maintenance @ 50°C / 122°F	27	1.00	0.91	0.83	0.66	88,000	
BOI2PT 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	
BOI1PT L80 Lumen Maintenance @ 40°C / 104°F	27	1.00	0.92	0.84	0.67	61,000	
BOI2PT 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 116mA 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.