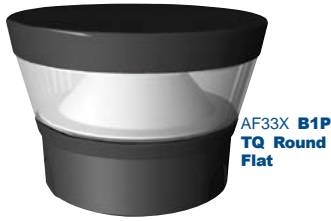


# TOP® Outdoor Column Lights

**L70**  
25°C **106,000 Hours**



AF33X **B1P**  
TQ Round  
Flat



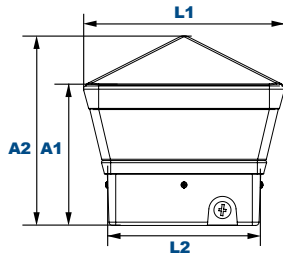
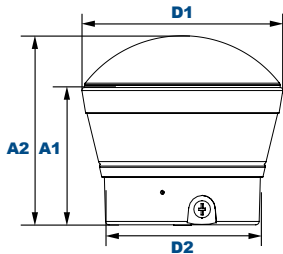
AF33X **B1BP**  
TQ Round  
Dome



AF33X **B2CPTQ**  
Square Pyramid



AF33X **B2PTQ**  
Square Flat



### Dimensions

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

### Dimensions

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

### Order Information Example:

AF33X **B1PTQF1X23U4KCZS**

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
AF33X <b>B1PTQ</b> =Round Flat Pillar Top AF33XB1 <b>BPTQ</b> =Round Dome Pillar Top AF33X <b>B2PTQ</b> =Square Flat Pillar Top AF33X <b>B2CPTQ</b> =Square Pyramid Pillar Top	<b>F</b> =Wide Beam Spread	<b>1X23</b> =23w	<b>U</b> =120-277V <b>C</b> =347V	<b>4K</b> =4000K 3K = 3000K	<b>C</b> =Clear Polycarbonate Vandal-Resistant Lens <b>L</b> =SoftLED LumaLens Opal Polycarbonate Vandal-Resistant Lens	<b>Z</b> =Bronze <b>B</b> =Black <b>C</b> =Custom (Consult Factory)	<b>SF</b> =Single Fuse (120-277V Only) <b>DF</b> =Double Fuse (120-277V Only) <b>SP</b> =Surge Protection <b>PC1</b> =Photocell, 120VAC <b>PC3</b> =Photocell, 120-277VAC

### Project Information:

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

### 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.

#### LED Type :

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.

### Certification & Listings:



# TOPR Outdoor Column Lights

L70  
25°C

106,000 Hours

## Accessories & Replacement Parts:



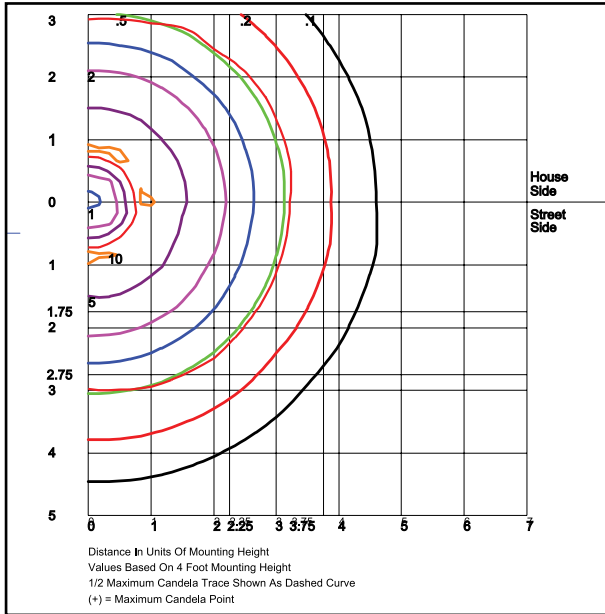
Photocell

AF33XP18100 & AF33X **P18103**

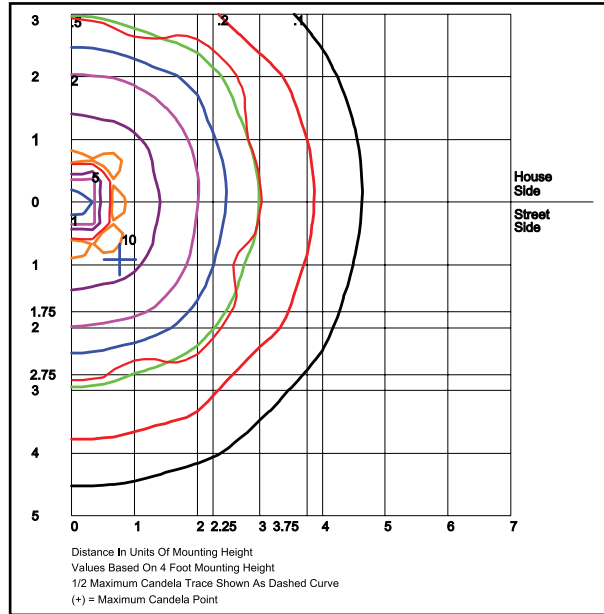
## Replacement Parts (Order Separately, Field Installed)

AF33XP18100	120VAC, Photocell
AF33XP18103	120-277VAC

## Photometric Data



AF33X **B1PTQF1X23U4KC**  
Grid in feet, Mounting Height = 4 ft.



AF33X **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
LED 23w	350	27	AF33XB1PT (Clear Lens)	2,093	78	1	3	1
			AF33XB2PT (Clear Lens)	2,133	79	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
AF33X	<b>B1PT</b>	<b>L70</b>	<b>Lumen Maintenance @ 25°C / 77°F</b>	27	1.00	0.93	0.86	0.72	106,000
AF33XB	<b>2PT</b>	<b>L70</b>	<b>Lumen Maintenance @ 25/ 77°F</b>	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
AF33XB1PT	<b>L70</b>	<b>Lumen Maintenance @ 50°C / 122°F</b>		27	1.00	0.91	0.83	0.66	88,000
AF33XB2PT	<b>L70</b>	<b>Lumen Maintenance @ 50°C / 122°F</b>		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
AF33XB1PT	<b>L80</b>	<b>Lumen Maintenance @ 40°C / 104°F</b>		27	1.00	0.92	0.84	0.67	61,000
AF33XB2PT	<b>L80</b>	<b>Lumen Maintenance @ 40°C / 104°F</b>		27	1.00	0.92	0.84	0.67	61,000

### NOTES:

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