

# ATRI Round & Square Wall Sconces

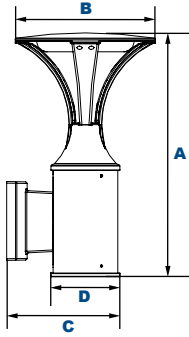
**L70**  
25°C **187,000 Hours**



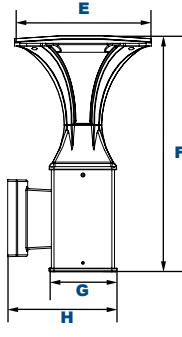
**AF33XWBB3Q - ATRI Round Wall Sconce**



**AF33XWBB4Q - ATRI Square Wall Sconce**



**AF33XWBB3Q**



**AF33XWBB4Q**

### AF33XSWBB3Q Dims

|                     |                 |
|---------------------|-----------------|
| <b>Width (B)</b>    | 10 1/4" (260mm) |
| <b>Height (A)</b>   | 17 3/4" (452mm) |
| <b>Diameter (D)</b> | 5" (127mm)      |
| <b>Length (C)</b>   | 8 1/8" (207mm)  |

### AF33XWBB4Q Dims

|                     |                 |
|---------------------|-----------------|
| <b>Width (E)</b>    | 10 1/4" (260mm) |
| <b>Height (F)</b>   | 17 3/4" (449mm) |
| <b>Diameter (G)</b> | 5" (128mm)      |
| <b>Length (H)</b>   | 8 1/8" (207mm)  |

The LEPG WBB3Q and WBB4Q EasyLED Reveal Cutoff Architectural Wall Sconces provide controlled down lighting with a uniform distribution designed to replace HID lighting systems up to 70w MH or HPS. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 16 feet can be used based on light level and uniformity requirements.

### Specifications and Features:

#### Housing:

Die Cast Aluminum Housing with Flush Mount Easy-Hang Wall Bracket, Built-In Level, Flat Top, Sealed Driver Compartment. Photocell Adaptable.

#### 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.

#### Lens:

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

#### Mounting Options:

Mount over a 4" Recessed Outlet Box.

#### LED LED:

Aluminum Boards

#### Wattage:

Array: 16.6w, System: 20.2w (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.

#### Controls:

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with AF Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

#### Warranty:

5-Year Warranty for -40°C to +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

### Order Information Example:

AF33XWBB4QF1X16U5KCZSP

| Model   | Optics                     | Wattage          | Driver                               | CCT                                  | Lens   | Color   | Options   |
|---|----------------------------|------------------|--------------------------------------|--------------------------------------|--|---|---|
| <b>AF33XWBB3Q</b> =Reveal Round Wall Sconce<br><b>AF33XWBB4Q</b> =Reveal Square Wall Sconce | <b>F</b> =Wide Beam Spread | <b>1X16</b> =16w | <b>U</b> =120-277V<br><b>C</b> =347V | <b>4K</b> =4000K<br><b>5K</b> =5000K | <b>C</b> =Clear Polycarbonate Array Lens<br><b>L</b> =SoftLED LumaLens Opal Polycarbonate Array Lens | <b>Z</b> =Bronze<br><b>B</b> =Black<br><b>C</b> =Custom (Consult Factory) | <b>SF</b> =Single Fuse (120-277V Only)<br><b>DF</b> =Double Fuse (120-277V Only)<br><b>SP</b> =Surge Protection<br><b>PC1</b> =Photocell, 120VAC<br><b>PC3</b> =Photocell, 120-277VAC |

### Project Information:

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

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

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

### Certification & Listings:



## Accessories & Replacement Parts:



**AF33XP1  
8100 &  
AF33XP1  
8103**

### Replacement Parts (Order Separately, Field Installed)

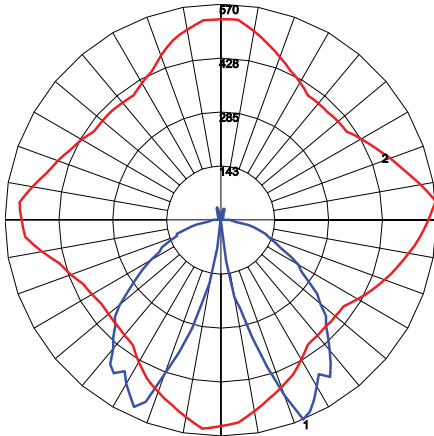
AF33XB3LL SoftLED LumaLens Opal Polycarbonate Array Lens

AF33XB4LL SoftLED LumaLens Opal Polycarbonate Array Lens

AF33XP18100 120VAC Photocell

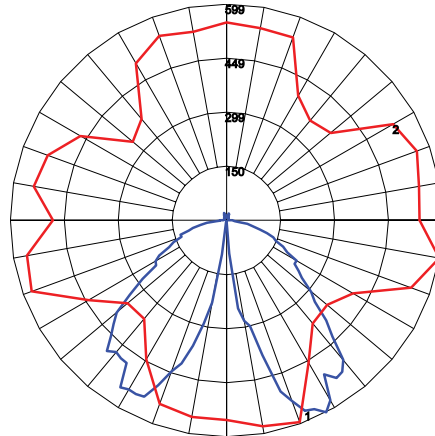
AF33XP18103 120-277VAC Photocell

## Photometric Data



Maximum Candela = 570,207 Located At Horizontal Angle = 5, Vertical Angle = 22,5  
# 1 - Vertical Plane Through Horizontal Angles (5 - 185) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (22,5) (Through Max. Cd.)

**AF33XWBB3QF1X1  
6U5KC Type V**



Maximum Candela = 598,595 Located At Horizontal Angle = 350, Vertical Angle = 27,5  
# 1 - Vertical Plane Through Horizontal Angles (350 - 170) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (27,5) (Through Max. Cd.)

**AF33XWBB4QF1X1  
6U5KC Type V**

## Photometric Performance

| LED Board Watts | Drive Current (mA) | Input Watts | Optics      | 5000 CCT 80 CRI |     |   |   |   | 4000 CCT 80 CRI |     |   |   |   |
|-----------------|--------------------|-------------|-------------|-----------------|-----|---|---|---|-----------------|-----|---|---|---|
|                 |                    |             |             | Lumens          | LPW | B | U | G | Lumens          | LPW | B | U | G |
| LED 16w         | 525                | 20          | WBB3 Type V | 1,603           | 80  | 1 | 2 | 1 | 1,539           | 77  | 1 | 2 | 1 |
|                 |                    |             | WBB4 Type V | 1,678           | 84  | 1 | 2 | 1 | 1,611           | 81  | 1 | 2 | 1 |

## Projected Lumen Maintenance

| Data shown for 5000 CCT                       |             |         | Compare to MH |            |             |                      |
|---|-------------|---------|---------------|------------|-------------|----------------------|
| TM-21-11                                      | Input Watts | Initial | 25,000 Hrs    | 50,000 Hrs | 100,000 Hrs | Calculated L70@ 25°C |
| AF33XWBB3 L70 Lumen Maintenance @ 25°C        | 20          | 1.00    | 0.96          | 0.92       | 0.84        | 187,000              |
| AF33XWBB4 L70 Lumen Maintenance @ 25°C / 77°F | 20          | 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 |
| AF33XBB3 L70 Lumen Maintenance @ 50°C / 122°F | 20          | 1.00    | 0.94          | 0.87       | 0.74        | 117,000              |
| AF33XBB4 L70 Lumen Maintenance @ 50°C / 122°F | 20          | 1.00    | 0.93          | 0.87       | 0.73        | 113,000              |
| TM-21-11                                      | Input Watts | Initial | 25,000 Hrs    | 50,000 Hrs | 100,000 Hrs | Calculated L80@ 40°C |
| AF33XBB3 L80 Lumen Maintenance @ 40°C / 104°F | 20          | 1.00    | 0.97          | 0.93       | 0.87        | 151,000              |
| AF33XBB4 L80 Lumen Maintenance @ 40°C / 104°F | 20          | 1.00    | 0.97          | 0.93       | 0.86        | 144,000              |

### NOTES:

- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA 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.