

## AFRWS20Q

L70  
25°C

187,000 Hours

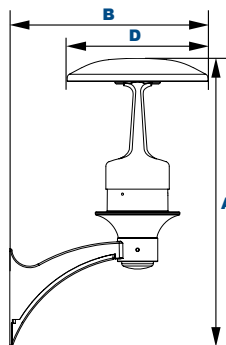
### EasyLED Aeroform Round Wall Sconce



Shown with Battery Backup Option

#### Dimensions

Diameter (D)	11" (280mm)
Height (A)	23 3/4" (602mm)
Length (B)	15 1/2" (394mm)



The LEPG AFRWS20Q Aeroform Architectural Round Wall Sconce is available in a Type V distribution designed to replace HID lighting systems up to 70w MH or HPS. Typical area lighting applications include parking areas, walkways, and street lighting applications. Mounting heights of 8 to 12 feet can be used based on light level and uniformity requirements.

#### Specifications and Features:

##### Housing:

Die Cast and Sand Cast Aluminum Housing, Integral Heat Sinking. Photocell Adaptable.

##### Listing & Ratings:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750;  
IP66 Sealed LED Compartment.

##### Finish:

Bronze or Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

##### Lens:

SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Array Lens to Seal LED Array

##### Mounting Options:

Mounts to Walls with Included Decorative Arm.

##### EasyLED LED:

Aluminum Boards

##### Wattage:

17w Array: 16.5w, System: 19w

##### Driver:

Electronic Driver, 120-277V, 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 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 LEPG Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

##### Battery Backup:

Battery Backup Option Includes Accessory Housing (Ships Separately). Empty Accessory Housing is Available For Use When a Uniform Building Aesthetic is Desired.

##### Warranty:

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

See Page 3 for Projected Lumen Maintenance Table.

#### Project Information:

Project Name:

Fixture Type:

Complete Catalog #:

Date:

Comments:

#### Certification & Listings:



**Order Information Example:**
**AFRWS20QF1X17U5KLBS**

<b>AFRWS20Q</b>	<b>F</b>	<b>1X17</b>	<b>U</b>		<b>L</b>		
<b>Model</b>	<b>Optics</b>	<b>Wattage</b>	<b>Driver</b>	<b>CCT</b>	<b>Lens</b>	<b>Color</b>	<b>Options</b>
<b>AFRWS20Q</b> = EasyLED Aeroform Round Wall Sconce	<b>F</b> =Type V	<b>1X17</b> =17w	<b>U</b> =120-277V	<b>3K</b> =3000K <b>4K</b> =4000K <b>5K</b> =5000K	<b>L</b> =SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens	<b>B</b> =Black <b>Z</b> =Bronze <b>C</b> =Custom (Consult Factory)	<b>SF</b> =Single Fuse* <b>DF</b> =Double Fuse* <b>SP</b> =Surge Protection <b>PC3</b> =Photocell, 120-277VAC <b>S3</b> =Microwave Sensor for Mounting Heights of 26 Feet or Below* <b>BU4</b> =Battery Backup, 90 Minutes* <b>*120-277V Models Only.</b>

**Accessories & Replacement Parts:**
**Accessories**
**(Order Separately, Field Installed)**

P17122 Remote Programming Tool for P17121

ACCHSG4\* Empty Die Cast Accessory Housing, Powdercoat Finish

\*Specify Color: B=Black, Z=Bronze, C=Custom (Consult Factory)


**P17122**

**ACCHSG4**
**Replacement Parts**
**(Order Separately, Field Installed)**


P17121 Microwave Sensor for Mounting Heights of 26 Feet or Below\*

P18103 120-277VAC Photocell

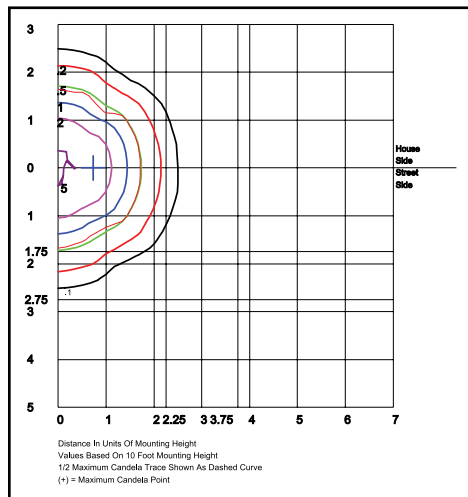
For Replacement Battery Backup, see the LEPA LED Battery Backup Specification Sheet.


**P17121**

**P18103**
**EPA (Effective Projected Area)**
**Shown with Mounting Arm.**

<b>Configuration</b>	<b>EPA (Sq. Ft.)</b>	<b>Weight (Lbs.)</b>
 1	0.21	7 Lbs

## Photometric Data



AFRWS20EQF1X17U5KL

Type V

Grid in MH

MH=10 Feet

## Photometric Performance

Optic	Wattage (Catalog Logic)	
	Input Watts	17W (1X17)
AFRWS20 Type V Optic	CCT	Delivered Lumens
	3000K	1,919
	4000K	2,081
	5000K	2,168
	BUG Rating	B1-U1-G0

## 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 LED Life
L70 Lumen Maintenance @ 25°C / 77°F	20	1.00	0.96	0.92	0.84	187,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.87	0.73	113,000
L80 Lumen Maintenance @ 40°C / 104°F		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 125mA 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.