Jemm LIGHTING

EasyLED Technology

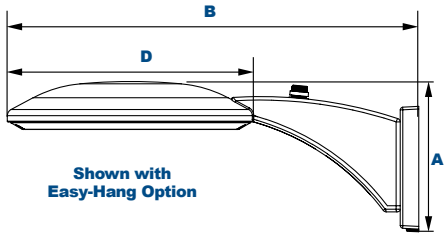
AF20

L70 25°C 187,000 Hours

EasyLED Aeroform Small Round Pole/Wall Mount

BUY AMERICAN ACT COMPLIANT

Shown as Square Pole Mount



Shown with Easy-Hang Option

Dimensions	
Diameter (D)	11″ (280mm)
Height (A)	6¾″ (171mm)
Length (B)	18½″ (467mm)

The Jemm Lighting AF20 Aeroform Architectural Open Small Round Pole or Wall Mount 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 Square Poles with Included Arm, or Walls with Easy-Hang Option. Optional Round Pole Adaptor Available.

EasyLED LED:
Aluminum Boards

Wattage:
17w Array: 16.5w, System: 19w; (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 -40°C to +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

Order Information Example: AF20F17U5KLBPC3

AF20	F	17			L		
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Options**
AF20= EasyLED Aeroform Small Round Pole/ Wall Mount	**F**=Type V	**1X17**=17w	**U**=120-277V **C**=347V	**3K**=3000K **4K**=4000K **5K**=5000K	**L**=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens	**B**=Black **Z**=Bronze **C**=Custom (Consult Factory)	**PC3**=Photocell, 120-277VAC **EH**=Easy-Hang Wall Bracket

Project Information:

Project Name: Fixture Type:

Complete Catalog #: Date:

Comments:

Certification & Listings:

IP66 SoftLED

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For more information visit our website at www.JemmLighting.com

AF20

L70 25°C — **187,000 Hours**

EasyLED Aeroform Small Round Pole/Wall Mount

Accessories & Replacement Parts:

KH20RP

Mounting Accessories (Order Separately, Field Installed)	
KH20RP*	Die-Cast Adaptor for 3″ to 4″ Round Poles, Powdercoat Finish.

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

Replacement Parts (Order Separately, Field Installed)	
KHEH*	Die-Cast Easy-Hang Wall Bracket, Powdercoat Finish, Includes Hardware.

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

EPA (Effective Projected Area)

Shown with Mounting Arm.

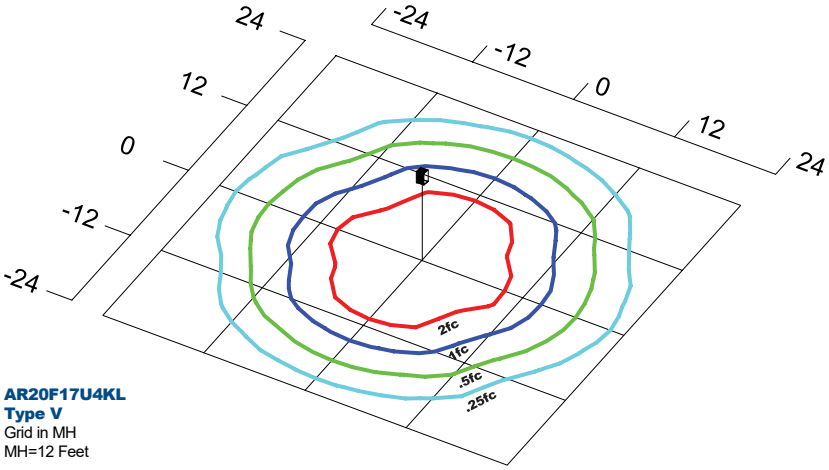
Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
1	0.21	7 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
2@180° Mount	0.42	14 Lbs
2@90° Mount	0.29	14 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
3@90° Mount	0.46	21 Lbs
3@120° Mount	0.42	21 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
4@90° Mount	0.46	28 Lbs

Photometric Data



AR20F17U4KL
Type V
Grid in MH
MH=12 Feet

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	4000 CCT 70 CRI Lumens	LPW	B	U	G
EasyLED 17w	125	20	Type V SoftLED	2,081	106	1	1	0

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
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
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
L80 Lumen Maintenance @ 40°C / 104°F	20	1.00	0.97	0.93	0.86	144,000

NOTES:
1. 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.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

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