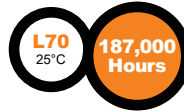


# AFR20Q DuraLED Sculptor II Small Round Pole/Wall Mount



<b>Project Information</b>	
Project Name: _____	Fixture Type: _____
Complete Catalog #: _____	Date: _____
Comments: _____	

The DuraGuard AFR20Q Sculptor II 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.

### DURALED 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.

### 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.

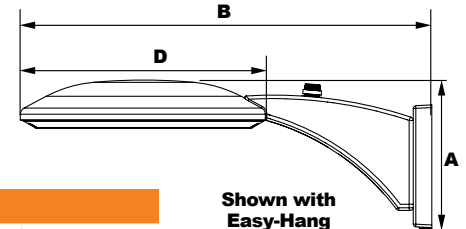
See Page 3 for Projected Lumen Maintenance Table.



Shown as Square Pole Mount



Shown with Battery Backup Option. Includes Factory Wired Back Box for Battery Backup. Only Available for Wall Mount



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

Shown with Easy-Hang Option

## DuraLED TECHNOLOGY

Complete Units Ordering Information  
Example: **AFR20QF1X17U5KLBPC3**

# AFR20Q DuraLED Sculptor II Small Round Pole/Wall Mount

AFR20Q	F	1X17	L				
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
<b>AFR20Q</b> = DuraLED Sculptor II Small Round Pole/Wall Mount	F=Type V	1X17=17w	U=120-277V C=347V	3K=3000K 4K=4000K 5K=5000K		B=Black Z=Bronze C=Custom (Consult Factory)	

L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens

PC3=Photocell, 120-277VAC  
EH=Easy-Hang Wall Bracket  
BU4=Battery Backup, 90 Minutes\*■  
BUC4=Cold Start Battery Backup, -20°C, 90 Minutes\*■

\*120-277V Models Only.  
■Wall Mount Only.



# AFR20Q DuraLED Sculptor II Small Round Pole/Wall Mount



## ACCESSORIES & REPLACEMENT PARTS:



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)	

Accessories (Order Separately, Field Installed)	
ACCHSG4*	Empty Die Cast Accessory Housing, 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.
For Replacement Battery Backup, see the DuraGuard LED Battery Backup Specification Sheet.	
*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)	

## EPA (EFFECTIVE PROJECTED AREA) SHOWN WITH MOUNTING ARM

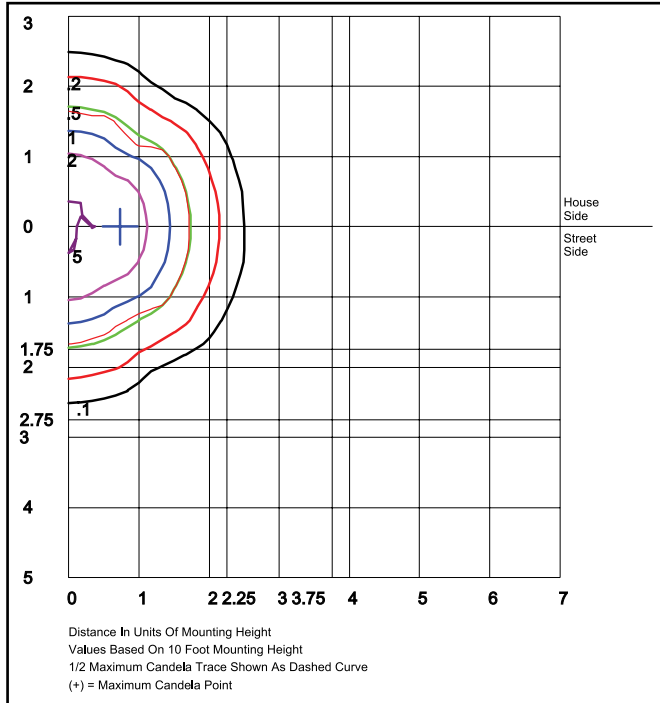
Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
1	0.21	7 Lbs

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



**AFR20QF1X17U5KL**  
**Type V**  
 Grid in MH  
 MH=12 Feet

Specifications subject to change without notice.

**AFR20Q DuraLED Sculptor II Small Round Pole/Wall Mount****PHOTOMETRIC PERFORMANCE**

	<b>Wattage (Catalog Logic)</b>	<b>17W (1X17)</b>
	<b>Input Watts</b>	<b>19.7</b>
<b>Optic</b>	<b>CCT</b>	<b>Delivered Lumens</b>
<b>AFR20Q F = Type V</b>	3000K	1,919
	4000K	2,081
	5000K	2,168
	BUG Rating	B1-U1-G0

**PROJECTED LUMEN MAINTENANCE**

<b>Data shown for 5000 CCT</b>		<b>Compare to MH</b>				
<b>TM-21-11</b>	<b>Input Watts</b>	<b>Initial</b>	<b>25,000 Hrs</b>	<b>50,000 Hrs</b>	<b>100,000 Hrs</b>	<b>Calculated LED Life</b>
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	20	1.00	0.96	0.92	0.84	187,000
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>		1.00	0.93	0.87	0.73	113,000
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>		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 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.