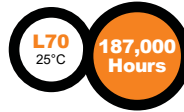


AFR20Q DuraLED Sculptor II Small Round Pole/Wall Mount



Project Name:	Project Information	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.

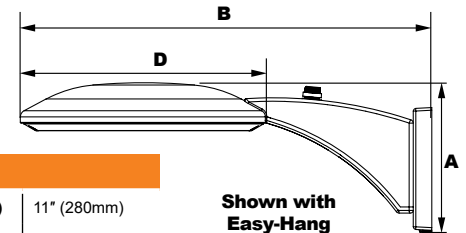
See Page 2 for Projected Lumen Maintenance Table.



Shown as Square Pole Mount



Shown with Battery Backup Option



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			Color	Options
Model	Optics	Wattage	Driver	CCT	Lens		
AFR20Q = 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)	
<u>L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens</u>							
						PC3=Photocell, 120-277VAC	
						EH=Easy-Hang Wall Bracket	
						BU4=Battery Backup, 90 Minutes	



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.)	Configuration	EPA (Sq. Ft.)	Weight (Lbs.)	Configuration	EPA (Sq. Ft.)	Weight (Lbs.)	Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
1	0.21	7 Lbs	2@180° Mount	0.42	14 Lbs	3@90° Mount	0.46	21 Lbs	4@90° Mount	0.46	28 Lbs
			2@90° Mount	0.29	14 Lbs	3@120° Mount	0.42	21 Lbs			

PHOTOMETRIC PERFORMANCE

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

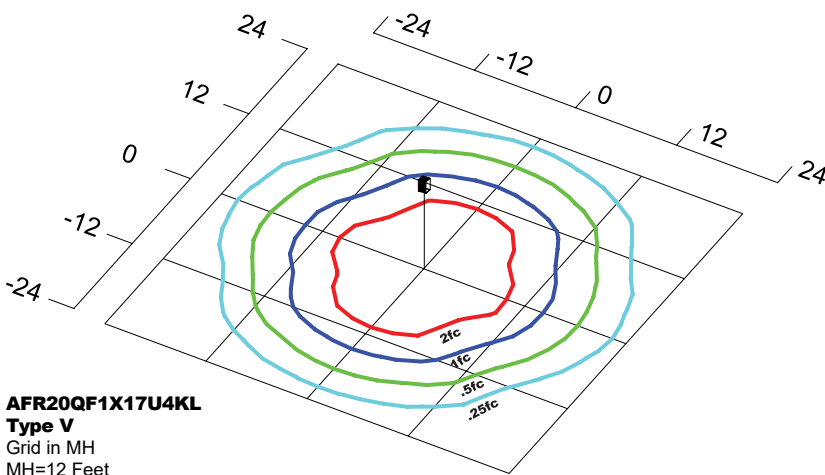
PROJECTED LUMEN MAINTENANCE

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.

PHOTOMETRIC DATA



AFR20QF1X17U4KL
Type V
Grid in MH
MH=12 Feet