

AFS20Q DuraLED Sculptor II Small Square Pole/Wall Mount



Project Name:	Project Information	Fixture Type:
Complete Catalog #:		Date:
Comments:		

The DuraGuard AFS20Q Sculptor II Architectural Open Small Square 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:

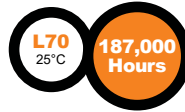
SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Array Lens to Seal LED Array

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.

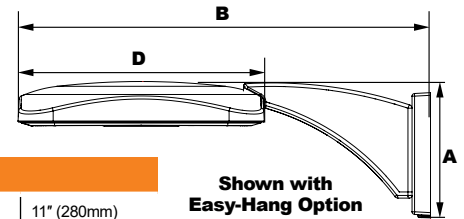
BATTERY BACKUP:

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.



DuraLED TECHNOLOGY

Complete Units Ordering Information
Example: **AFS20QF1X17U5KLBPC3**

AFS20Q DuraLED Sculptor II Small Square Pole/Wall Mount

AFS20Q	F	1X17				L		
Model	Optics	Wattage	Driver	CCT	Color	Options		
AFS20Q = DuraLED Sculptor II Small Square 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.



AFS20Q DuraLED Sculptor II Small Square 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

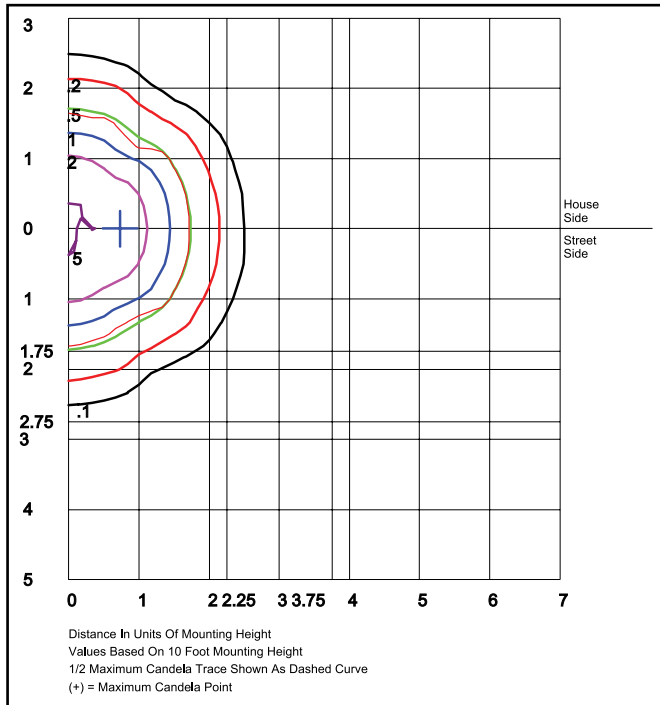
Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 1	0.21	7 Lbs

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



AFS20QF1X17U5KL

Type V
 Grid in MH
 MH=12 Feet

AFS20Q DuraLED Sculptor II Small Square Pole/Wall Mount**DuraGuard**
PRODUCTS INC.
A QSSI Company**PHOTOMETRIC PERFORMANCE**

Wattage (Catalog Logic)		17W (1X17)
Input Watts		19.7
Optic	CCT	Delivered Lumens
AFS20Q F = Type V	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:

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.