

DSFLQ DuraLED Small Deluxe Flood Light



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

The DuraGuard DSFLQ flood light luminaire is available with a knuckle mounting configuration and medium flood distribution designed to replace HID lighting systems up to 100w MH or HPS. Typical lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting can be accomplished using ground attachment accessories and to heights of 16 feet based on light level and uniformity requirements.

SPECIFICATIONS AND FEATURES:

HOUSING:

Die-Cast Aluminum Housing & Hinged Gasketed Lens Frame. Nickel-Plated Stainless Steel Hardware.

LISTING & RATINGS:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP65 Sealed LED Compartment.

FINISH:

Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

LENS:

Tempered Clear Flat Glass Lens

MOUNTING OPTIONS:

Adjustable Knuckle with Angle Indicators & 1/2" NPS Threads.

DURALED LED:

Aluminum Boards

WATTAGE:

Array: 21.7w, System: 25w (100w HID Equivalent)

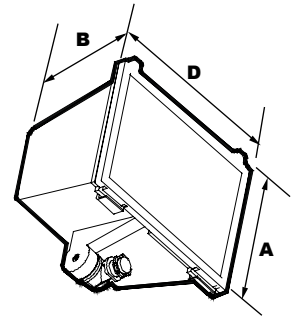
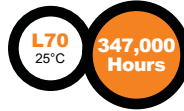
DRIVER:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 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.



Dimensions

Width (D)	9" (229mm)
Length (B)	7 1/2" (191mm)
Height (A)	7" (178mm)

DuraLED TECHNOLOGY

Complete Units
Ordering Information
Example: DSFLQF1X22U5KCZKN5P

DSFLQ DuraLED Deluxe Small Flood Light

DSFLQ	F	1X22		5K	C			
Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options
DSFLQ= DuraLED Small Deluxe Flood Light	F=Medium Flood, 110°H x 110°V, NEMA 7H x 7V	1X22=22w	U=120-277V H=347-480V	5K=5000K	C=Clear Flat Glass Lens	Z=Bronze C=Custom (Consult Factory)	KN=1/2" NPS Knuckle Included.	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) SP=Surge Protection



DesignLights Consortium™
Qualified Luminaires:
DSFLQF1X22U5KC**



Specifications subject to change without notice.

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Mounting Accessories (Order Separately, Field Installed)	
PTFZ	Die-cast Post Top Fitter for 2 3/8" to 3 1/2" Poles, Bronze Powdercoat Finish, Three (3) 1/2" Coin Plugs.
STK	Heavy Duty Ground Stake, Built-in Wiring Compartment with 1/2" NPS Threaded Fitting, Black Plastic.

Accessories (Order Separately, Field Installed)	
DSFLGSZ	Glare Shield, Aluminum, Bronze Powdercoat Finish, Includes Hardware.
DSFLVS	Clear UV-Stabilized Polycarbonate Vandal Resistant Guard, Includes Hardware.
DSFLWG	Wire Guard, Stainless Steel, Includes Hardware.

Replacement Parts (Order Separately, Field Installed)	
DSFLGL	Tempered Clear Flat Glass Lens.

*Shown Mounted.

PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts	Beam	Lumens	LPW
DuraLED 22w	525	25	F 110°H x 110°V, NEMA 7H x 7V	2,123	85

5000 CCT 80 CRI

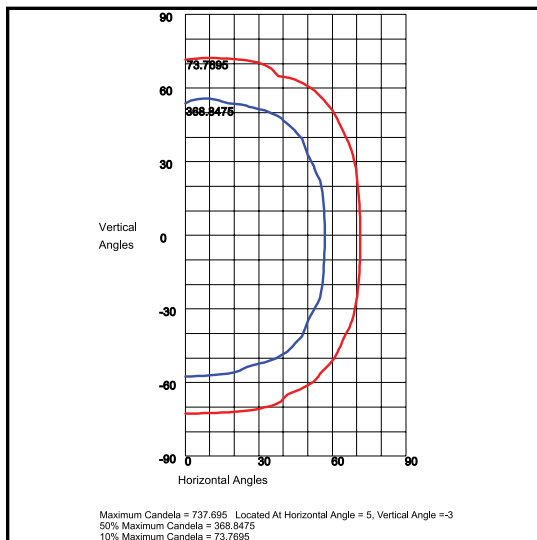
PROJECTED LUMEN MAINTENANCE

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	25	1.00	0.98	0.96	0.91	347,000
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	25	1.00	0.96	0.91	0.82	168,000
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	25	1.00	0.97	0.94	0.88	160,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA 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



DSFLQF1X22U5KC
 110°H x 110°V, NEMA 7H x 7V

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