

HFLQ DuraLED Horizontal Flood Light



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

The DuraGuard HFLQ Horizontal Large Flood light luminaire is available with a choice of yoke or slip fitter mounting configurations and medium flood optical distribution designed to replace HID lighting systems up to 400w 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 wide variety of attachment accessories for wall, pole, and ground locations to heights of 25 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 or Tempered Clear Flat Prismatic Glass Lens.

MOUNTING OPTIONS:

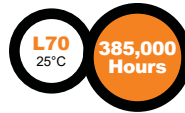
Stamped Steel Small or Large Yoke, or Adjustable Die Cast Slipfitter with Angle Indicator.

DURALED LED:

Aluminum Boards

WATTAGE:

Array: 68.2w, System: 75w (400w 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 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

CONTROLS:

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with DuraGuard Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

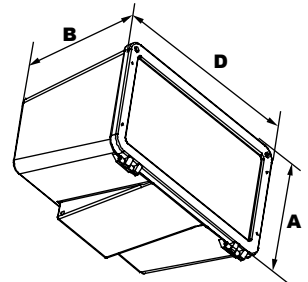
WARRANTY:

5-Year Warranty for -40°C to +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.



Shown with "SY" Small Yoke Mounting Option.



Dimensions

Width (D)	16 1/2" (410mm)
Length (B)	10 1/2" (267mm)
Height (A)	10 1/2" (257mm)

DuraLED TECHNOLOGY

Complete Units
Ordering Information
Example: HFLQF1X68U5KCZSYSP

HFLQ DuraLED Horizontal Flood Light

HFLQ	F	1X68							
Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options	
HFLQ = DuraLED Horizontal Flood Light	F=Medium Flood, 100°H x 110°V, NEMA 7H x 7V	1X68=68w	U=120-277V H=347-480V	4K=4000K 5K=5000K		Z=Bronze C=Custom (Consult Factory)	SSF= Slipfitter SY=Small Yoke LY=Large Yoke		
					C=Clear Flat Glass Lens, P=Clear Flat Prismatic Glass Lens				

- SF=Single Fuse (120-277V Only)
- DF=Double Fuse (120-277V Only)
- SP=Surge Protection
- R3=3-Pin 480V Twist Lock Photocell Receptacle with P18132 Shorting cap
- R5=5-Pin Twist Lock Photocell Receptacle
- R7=7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle
- P40=P18140 110-120VAC Instant
- P50=P18150 120VAC Time Delay
- P52=P18152 277VAC Time Delay



DesignLights Consortium™
Qualified Luminaires:
HFLQF1X68U5KC***



Specifications subject to change without notice.

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ACCESSORIES & REPLACEMENT PARTS:



SWBZ



HFLWG*



HFLLYZ*



HFLSYZ*



SSFZ

*Shown Mounted.

Mounting Accessories (Order Separately, Field Installed)	
SWBZ	Heavy Duty Swivel Wall Bracket, 120° Rotation, Stamped Steel, Bronze Powdercoat Finish, Includes Hardware.

Accessories (Order Separately, Field Installed)	
HFLVS	Clear UV-Stabilized Polycarbonate Vandal Resistant Guard
HFLWG	Wire Guard, Stainless Steel Construction
P18131	Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.
P18132	Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.
P18140	110-120VAC Instant Twist Lock Photocell
P18150	120VAC Time Delay Twist Lock Photocell
P18152	277VAC Time Delay Twist Lock Photocell
P18156	120-277VAC Universal Twist Lock Photocell
P18157	480VAC Time Delay Twist Lock Photocell. For 480V use only.

Replacement Parts (Order Separately, Field Installed)	
HFLGL	Tempered Clear Flat Glass Lens.
HFLGLP	Tempered Prismatic Flat Glass Lens.
HFLLYZ	Stamped Heavy-Duty Large Steel Yoke, Bronze Powdercoat Finish, Includes Hardware.
HFLSYZ	Stamped Heavy-Duty Small Steel Yoke, Bronze Powdercoat Finish, Includes Hardware.
SSFZ	External Mount Die-Cast Adjustable Slipfitter for 2 3/8" Tenons, Bronze Powdercoat Finish, Includes Hardware.

PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts	Beam	5000 CCT 80 CRI		4000 CCT 80 CRI		
				Lumens	LPW	Lumens	LPW	
DuraLED 68w	525	75	F	100°H x 110°V, NEMA 7H x 7V	7,401	99	6,772	90

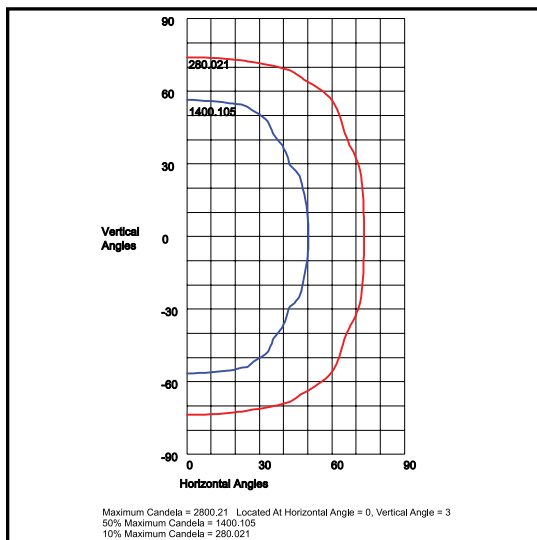
PROJECTED LUMEN MAINTENANCE

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	75	1.00	0.98	0.96	0.92	385,000	
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	75	1.00	0.96	0.93	0.86	209,000	
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	75	1.00	0.97	0.94	0.89	176,000	

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



HFLQF1X68U5KC
 100°H x 110°V Beam, NEMA 7H x 7V

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