

# HFLQ DuraLED Horizontal Flood Light

**DuraGuard**  
PRODUCTS INC.  
A QSSI Company



<b>Project Information</b>	
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.

### 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; Dimmable Driver

### LISTING & RATINGS:

CSA: Listed for Wet Locations.  
Operating Temperatures: -40°C to +50°C  
IP65 Sealed LED Compartment

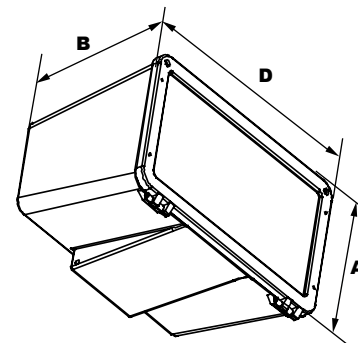
LM-79 Report Available on Select Models.

See Page 2 for Projected Lumen Maintenance Table.

5-Year Warranty.



Shown with "SY" Small Yoke  
Mounting Option.



### Dimensions

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

## 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, 110°H x 140°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						<b>SF</b> =Single Fuse <b>DF</b> =Double Fuse <b>SP</b> =Surge Protection <b>R3</b> =3-Pin 480V Twist Lock Photocell Receptacle with P18132 Shorting cap <b>R7</b> =7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle with P18132 shorting cap <b>P40</b> =P18140 110-120VAC Instant <b>P42</b> =P18142 110-277VAC Instant <b>P50</b> =P18150 120VAC Time Delay <b>P52</b> =P18152 277VAC Time Delay		



DesignLights Consortium™  
Qualified Luminaires:  
HFLQF1X68U5KC\*\*\*



Specifications subject to change without notice.

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## 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)

**HFLGSZ** Glare Shield, Aluminum, Bronze Powdercoat Finish, Includes Hardware.

**HFLVS** Clear Polycarbonate Vandal Resistant Guard

**HFLWG** Wire Guard, Stainless Steel Construction

**P18140** 110-120VAC Instant Twist Lock Photocell

**P18142** 110-277VAC Instant Twist Lock Photocell

**P18150** 120VAC Time Delay Twist Lock Photocell

**P18152** 277VAC Time Delay Twist Lock Photocell

**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.

## 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.

\*Shown Mounted.

## PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts	Beam	5000 CCT 80 CRI		4000 CCT 80 CRI	
				Lumens	LPW	Lumens	LPW
<b>DuraLED 68w</b>	525	75	F 110°H x 140°V, NEMA 7H x 7V	5,984	80	5,475	73

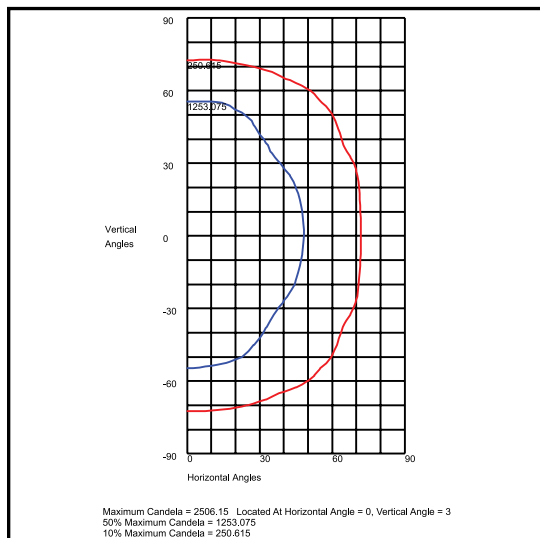
## PROJECTED LUMEN MAINTENANCE

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	
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	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	
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>	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	
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>	75	1.00	0.97	0.94	0.89	176,000	

### NOTES:

- 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.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

## PHOTOMETRIC DATA



## HFLQF1X68U5KC

110°H x 140°V Beam, NEMA 7H x 7V

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