

# HLF25Q Hazardous Location DuraLED Explosion Proof Flood



<b>Project Information</b>	
Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

The DuraGuard HLF25Q Class 1, Division 2 Explosion Proof Hazardous Location Flood luminaire is available with a clear tempered glass lens. Typical lighting applications include industrial facilities, oil, gas, painting facilities, manufacturing, and auto service facilities.

## SPECIFICATIONS AND FEATURES:

### HOUSING:

Heavy-Duty Die Cast Aluminum Housing with 3/4" Stainless Steel Close-Up Plugs for Wiring Entrance Conduits and Fittings.

### LISTING & RATINGS:

ETL Listed for Hazardous Locations Per UL844 as Follows: Class 1, Division 2 Groups A, B, C, D; T4 Temperature Rating, -25°C to +50°C Ambient. Suitable for Wet Locations, Sealed LED Compartment

### FINISH:

Powdercoat Finish Over a Chromate Conversion Coating.

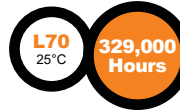
### LENS:

Clear Tempered Glass Lens

### MOUNTING OPTIONS:

Mount with Stamped Steel Adjustable Yoke. Includes 3' 16/3 SJOOW Cord and Rated Connector. Rated for 6 #12 AWG 90°C for Through Wiring.

**DURALED LED:**  
Aluminum Boards



**WATTAGE:**  
Array: 132.2w, System: 140.2w

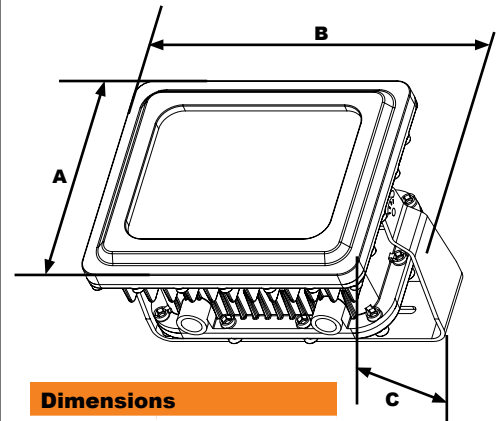
**DRIVER:**  
Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

**WARRANTY:**  
5-Year Warranty

See Page 2 for Projected Lumen Maintenance Table.



HLF25Q



### Dimensions

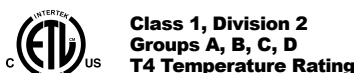
<b>Height (A)</b>	10 1/4" (273mm)
<b>Width (B)</b>	13 3/4" (348mm)
<b>Length (C)</b>	9 3/4" (248mm)

### DuraLED TECHNOLOGY

Complete Units  
Ordering Information  
Example: HLF25QF132U5KCGYSP

## HLF25Q DuraLED Explosion Proof Flood

HLF25Q	F	132	U	C	G	Y		
Model	Optics	Wattage	Driver	CCT	Lens	Color	Mount	Options
HLF25Q=DuraLED Explosion Proof Flood	F=110°H x 110°V, NEMA 7H x 7V	132=132w	U=120-277V	4K=4000K 5K=5000K	C=Clear Tempered Glass Lens	G=Gray	Y=Adjustable Yoke	SP=Surge Protection

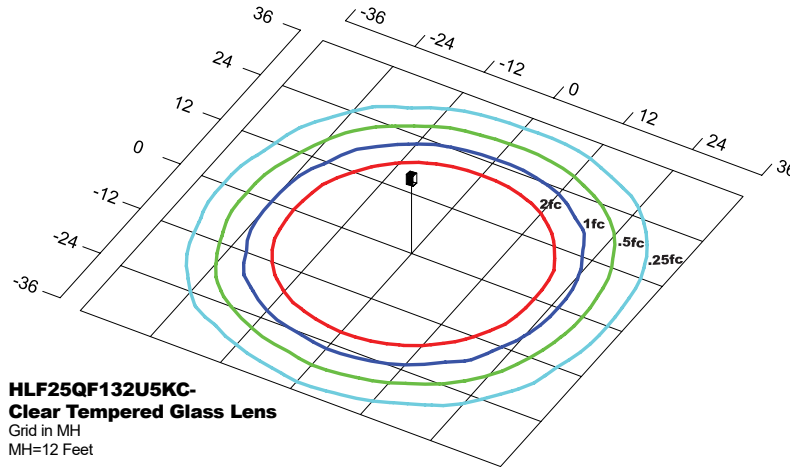
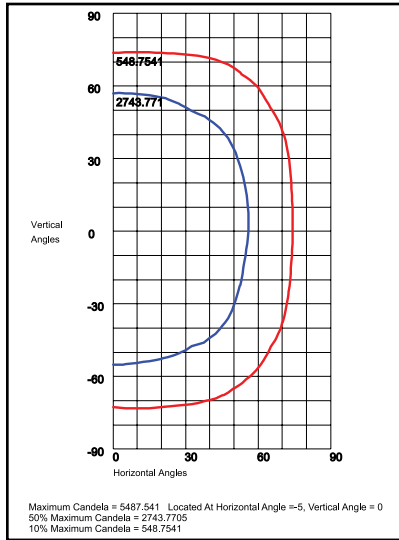


Specifications subject to change without notice.

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## PHOTOMETRIC DATA



**HLF25QF132U5KC-**  
**Clear Tempered Glass Lens**  
Grid in MH  
MH=12 Feet

**HLF25QF132U5KC-**  
**Clear Tempered Glass Lens**

## PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI		4000 CCT 80 CRI	
				Lumens	LPW	Lumens	LPW
DuraLED 132w	465	140	F 110°H x 110°V, NEMA 7H x 7V	15,046	108	14,482	104

## 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>	140	1.00	0.98	0.95	0.91	329,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
<b>L80 Lumen Maintenance @ 50°C / 104°F</b>	140	1.00	0.95	0.90	0.80	149,000
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>	140	1.00	0.96	0.93	0.86	142,000

### NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 465mA 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.