



### OVERVIEW

The FHUE Series LED Highbays are affordable and highly efficient luminaires with a compact design. These luminaires are IP65 rated and dimmable.

### APPLICATIONS

This light can be used for indoor or outdoor applications. Typically used for warehouses, garages, gymnasiums.

- Limited Warranty: 5 Years
- Efficiency: up to 137 LPW
- Lumen Output: 13,600-21,000 L
- Wattage: 100- 150 W



Project:

Type:

Prepared By:

Date:

### Models

Model	Watts(W)	Lumens (LM)	Efficiency (LPW)
FHUE100	100	13,668	135
FHUE150	150	20,256	135
FHUE150-HV	150	20,465	137

Lumen Output based on models at 5000K.  
Also available in Color Temperatures of 4000K, 4500K and 5700K.

## Technical Specifications

### Warranty

PacLights warrants these LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please refer to our full warranty.

### Qualifications

**UL Listing:**  
E473037

### IESNA LM79 & LM-80 Testing:

PacLights LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

### DLC Qualification:

Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/qpl](http://www.designlights.org/qpl)

### Construction

#### IP Rating:

Ingress Protection rating of IP65 for dust and water

#### Ambient Temperature:

Suitable for up to 113° F (45° C) ambient temperature

#### Cold Weather Starting:

The minimum starting temperature is -4 F° (-20° C)

#### Thermal Management:

Superior thermal management with external Air-Flow fins.

#### Housing:

Die-cast aluminum housing

#### Mounting Methods:

"O" Hook mount. (included)  
Trunnion mount. (optional)

### LED Characteristics

#### LEDs:

Long-life, high-efficiency surface mounting LEDs

Color Temp: 4000K, 4500K, 5000K, 5700K

Color Accuracy: >80 CRI

### Construction (continue)

#### Gaskets:

Silicon Gaskets

#### Finish:

Our environmentally friendly polyester powder coating are formulated from high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

#### Lens:

Tempered Glass

### Driver Info

Input Voltage: AC100-277V, 50-60 Hz  
or AC 200-480V, 50-60 Hz  
(on 150 W HV model)  
0-10 V Dimmable Driver

Power Factor : >90%

Operating Temperature: -4° F (-113° C)  
to 113° F (45° C)

Wattage: 100 W, 150 W

## Ordering Matrix

Family	Watts	Color Temperature	Voltage	Housing Color	Accessories
FHUE	150	50	HV	W	RF60
	100 = 100W 150 = 150W	40 = 4000K 45 = 4500K 50 = 5000K 57 = 5700K	[blank] = 100-277v HV = 300-480v (150w only)	[blank] = Black W = White	RF60 = 60° Refractor (AC-HUE-RF60) RF90 = 90° Refractor (AC-HUE-RF90) CV = Refractor Bottom Cover (AC-HUE-CV) TM = Trunnion Mount (AC-HUE-TM)

