



- Limited Warranty: 5 Years
- Efficiency: up to 138 LPW
- Lumen Output: 13,950 - 32,268 L
- Wattage: 100- 240 W



OVERVIEW

The FHUP series LED High Bays are high performance and high efficient luminaires with advanced thermal management prepared for higher ambient temperatures. These luminaires are IP65 rated, dimmable, and are highly customizable. It's offered with a wide range of mounting options, light color temperatures, and lighting controls.

APPLICATIONS

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

Project:

Type:

Prepared By:

Date:

Models

Model	Watts(W)	Lumens (LM)	Efficiency (LPW)
FHUP100	100	13,950	138
FHUP150	150	20,624	138
FHUP200	200	27,169	136
FHUP240	240	32,250	135

Lumen Output based on low voltage 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

Construction

IP Rating:

Ingress Protection rating of IP65 for dust and water

Ambient Temperature:

Suitable for up to 122° F (50° 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 / 240 W HV model)

0-10 V Dimmable Driver

Power Factor : >90%

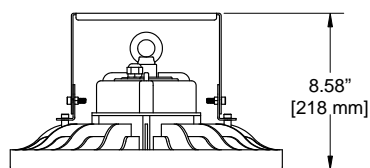
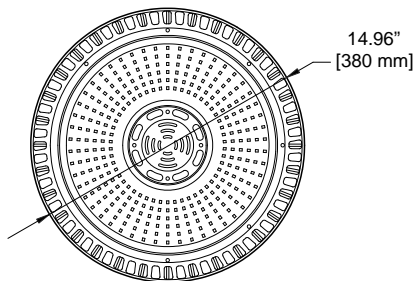
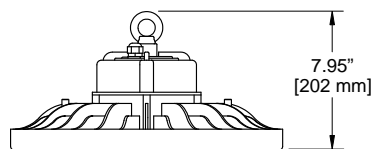
Operating Temperature: - 4° F (-20° C)

to 122° F (50° C)

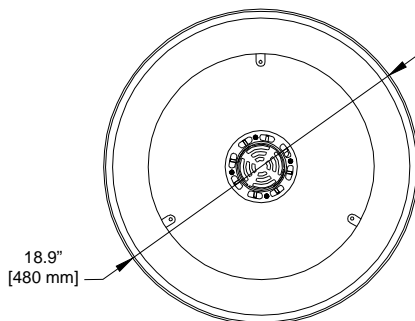
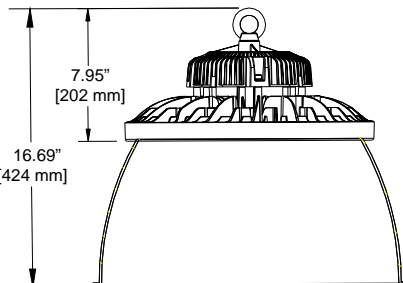
Wattage: 100 W, 150 W, 200 W, 240 W

Ordering Matrix

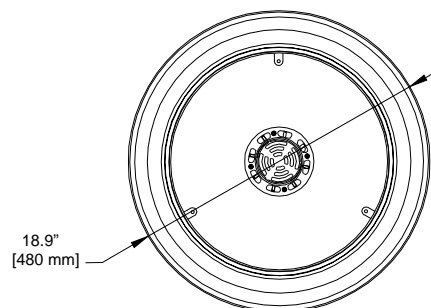
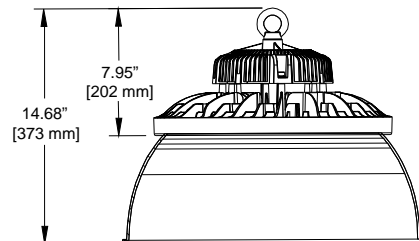
Family	Watts	Color Temperature	Voltage	Housing Color	Accessories
FHUP	150	50	HV	W	RF60
	100 = 100W	40 = 4000K	[blank] = 100-277v	[blank] = Black	RF60 = 60° Refractor (AC-HUP-RF60)
	150 = 150W	45 = 4500K	HV = 200-480v	W = White	RF90 = 90° Refractor (AC-HUP-RF90)
	200 = 200W	50 = 5000K	(150w/240w HV only)		CV = Refractor Bottom Cover (AC-HUP-CV)
	240 = 240W	57 = 5700K			TM = Trunnion Mount (AC-HUP-TM)
					MO = Microwave Motion Sensor (AC-HUP-MO)



AC-HUP-TM
TRUNNION MOUNT

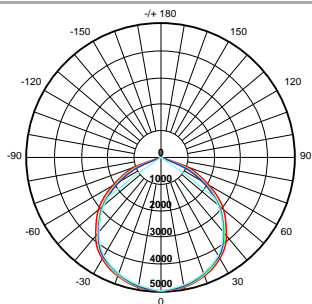


AC-HUP-RF60
60° REFLECTOR



AC-HUP-RF90
90° REFLECTOR

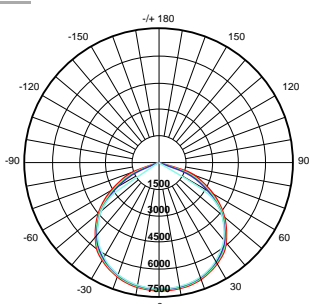
Polar Candela Distribution



AVERAGE BEAM ANGLE (50%) : 112.3 DEG

— C0/180 , 112.4 cd
— C30/210 , 112.3 cd
— C60/240 , 112.2 cd
— C90/270 , 112.3 cd

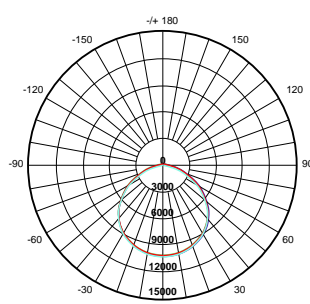
FHUP100



AVERAGE BEAM ANGLE (50%) : 113.5 DEG

— C0/180 , 113.3 cd
— C30/210 , 113.2 cd
— C60/240 , 113.6 cd
— C90/270 , 113.8 cd

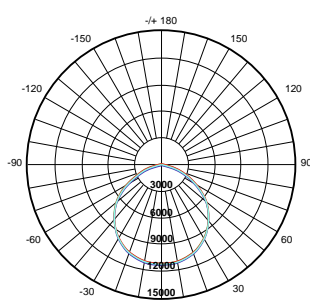
FHUP150



AVERAGE BEAM ANGLE (50%) : 112.3 DEG

— C0/180 , 112.4 cd
— C30/210 , 112.3 cd
— C60/240 , 112.2 cd
— C90/270 , 112.3 cd

FHUP200



AVERAGE BEAM ANGLE (50%) : 110.4 DEG

— C0/180 , 110.6 cd
— C30/210 , 110.4 cd
— C60/240 , 110.7 cd
— C90/270 , 109.9 cd

FHUP240

AC-HUP-MO Microwave Motion Sensor

With the AC-HUP-MO Microwave Motion Sensor, motion can be detected through plastic, glass and thin non-metal materials. It can be mounted as high as 48 ft high.

AC-HUP-MO is an innovative and programmable motion detector with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. It can be mounted as high as 48 ft. The sensor allow energy saving without compromising comfort with its signature 3-step dimming function, it is perfect for us in areas that require a light change notice before totally switching o the light. Daylight (on/o) sensor is integrated for maximum energy saving.

AC-HUP-MO Motion Sensor
(Installed on Center)

