

LED UFO HIGHBAY - HBF SERIES

Introduction

- ◆ Available in three sizes, the HBF UFO high bay offers three selectable wattage and two CCT, making it versatile enough to handle countless applications.
- ◆ Its standard efficiency is 150 lumen per watt. But it can reach up to 170 lumen per watt, and its highest lumen reaches 52,700 lumens.
- ◆ HBF includes an expansion port to easily add the sensor which controls by Bluetooth or controller. It can be configured to adjust brightness and hold time, saving additional energy and costs.
- ◆ It comes standard with a G hanging hook but also available O hanging hook, U bracket mount kit, and Pendant mount adapter for optional.
- ◆ UFO high bay HBF widely used in warehousing, industrial facilities, sports facilities, gymnasiums, etc.

Features

Construction:

- ◆ Die-casting aluminum housing and heatsink for added protection.

Electrical:

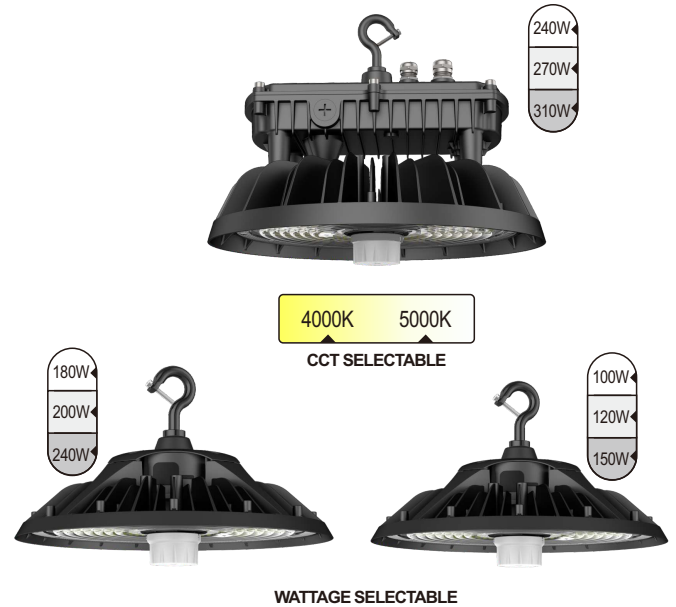
- ◆ 0-10v dimmable driver, which can dim from 100% down to off.
- ◆ The Input voltage is AC120-277V/AC120-347V/AC277-480V (50/60Hz).
- ◆ 120-277V: 100w-240w models designed to withstand up to L/N-PE: 6kV, L-N: 4kV surge; 310w model up to L/N-PE: 6kV, L-N: 6kV surge.
- ◆ 120-347V: 100w-310w withstand up to L/N-PE: 6kV, L-N: 6kV surge.
- ◆ 277-480V: 100w-240w withstand up to L/N-PE: 4kV, L-N: 4kV surge; 310w model up to L/N-PE: 10kV, L-N: 6kV surge.
- ◆ Flicker-free

Optics:

- ◆ LED chips support 4000k and 5000k with CRI>80. Sealed optic available in 60°, 90°, and 120° beam angle.

Finish:

- ◆ Black color is Standard.



Mounting:

- ◆ Support O/G hook, U bracket mount kit, and Pendant mount adapter for surface or pendant mounting. Safety Hanging kit is optional.

Compliances:

- ◆ cULus listed for wet locations, environment temperature from -40°C to 45°C.
- ◆ DLC® (DesignLights Consortium) Qualified.

Warranty:

- ◆ 5-year limited warranty.

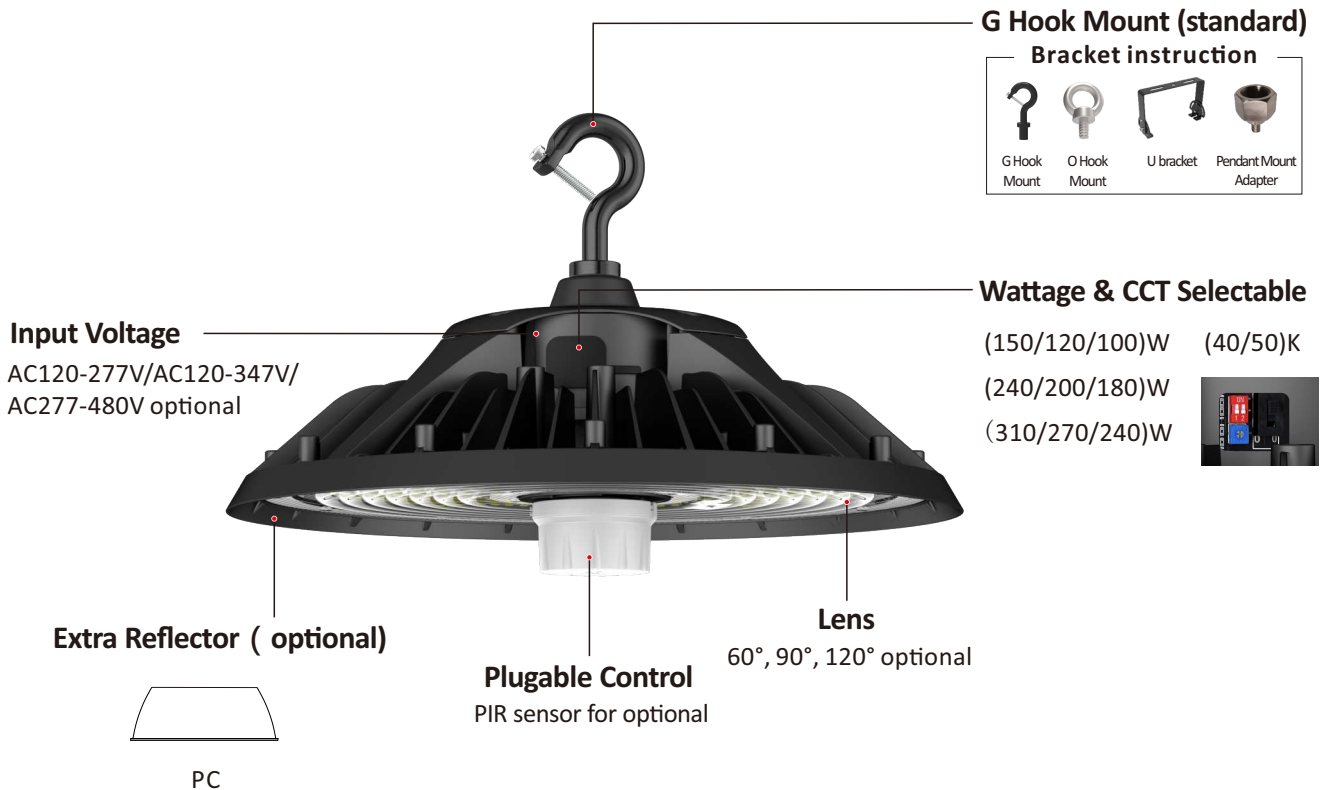
Ordering Guide

EXAMPLE: X-HBF100W-XXK80AA-XXXY

Brand X	Product name HBF	Wattage XXXW	CCT XXK	CRI 80	Input Voltage AA	Sensor XXX	Efficiency Y
X	HBF	100W 120W 150W (150/120/100)W 200W 240W (240/200/180)W 310W (310/270/240)W	can be any two numbers 40K=4000K 50K=5000K (40/50)K=4000/ 5000K	80=80Ra	LV=120-277 / 347Vac HV=277-480Vac	Blank=without Sensor SD=Daylight Sensor SW=Microwave Motion Sensor SWN=Networking Wireless Control version Microwave Motion Sensor SP=PIR Sensor SPN=Networking Wireless Control version PIR Sensor	C=General Light Efficiency H=High Light Efficiency

Specification

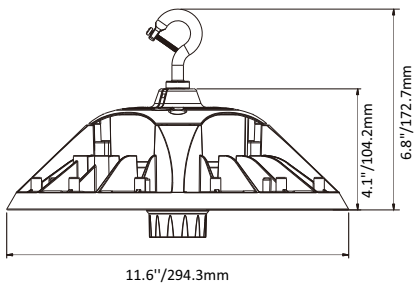
Size	Model	Wattage	Lumen @50K @150lm/w	Lumen @50K @170lm/w	CCT	Lens	Input voltage
Small	X-HBF100W-XXK80AA-XXXY	100W	15000lm	17000lm	40K 50K	60° 90° 120°	AC120-277V/ AC120-347V AC277-480V 50/60Hz
	X-HBF120W-XXK80AA-XXXY	120W	18000lm	20400lm			
	X-HBF150W-XXK80AA-XXXY	150W	22500lm	25500lm			
	X-HBF(150/120/100)W-XXK80AA-XXXY	(150/120/100)W	Max. 22500lm	Max. 25500lm	40k/50k selectable		AC120-277V/ AC120-347V 50/60Hz
	X-HBF(150/120/100)W-(40/50)K80AA-XXXY	(150/120/100)W	Max. 22500lm	/			
Medium	X-HBF200W-XXK80AA-XXXY	200W	30000lm	34000lm	40K 50K	90° 120°	AC120-277V/ AC120-347V AC277-480V 50/60Hz
	X-HBF240W-XXK80AA-XXXY	240W	36000lm	40800lm			
	X-HBF(240/200/180)W-XXK80AA-XXXY	(240/200/180)W	Max. 36000lm	Max. 40800lm	40k/50k selectable		AC120-277V/ AC120-347V 50/60Hz
	X-HBF(240/200/180)W-(40/50)K80AA-XXXY	(240/200/180)W	Max. 36000lm	/			
Large	X-HBF310W-XXK80AA-XXXY	310W	46500lm	52700lm	40K 50K	120°	AC120-277V/347V, AC277-480V, 50/60Hz
	X-HBF(310/270/240)W-XXK80AA-XXXY	(310/270/240)W	Max. 46500lm	Max. 52700lm			
	X-HBF(310/270/240)W-(40/50)K80AA-XXXY	(310/270/240)W	Max. 46500lm	/	40k/50k selectable		AC120-277V/ AC120-347V 50/60Hz



Dimensions & Weight

100W/120W/150W

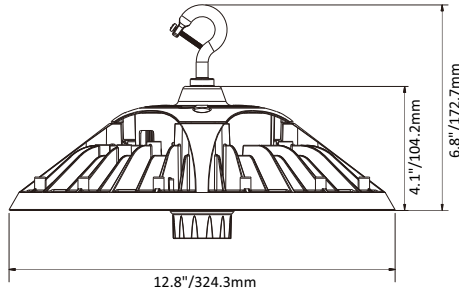
(AC120-277/347V)



11.6\"/>

200W/240W

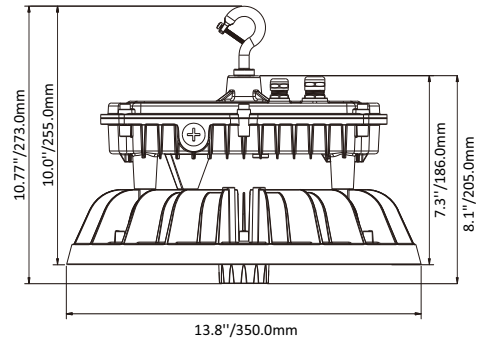
(AC120-277/347V)



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310W

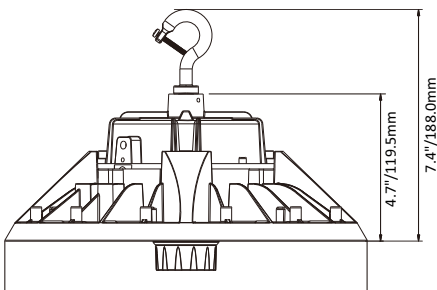
(AC120-277/347V, AC277-480V)



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100W/120W/150W

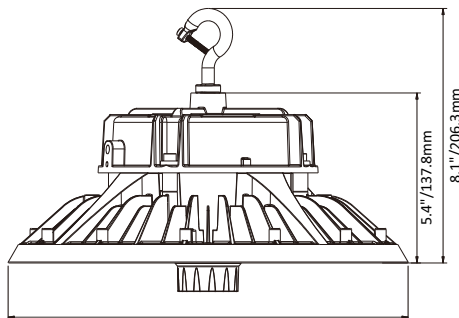
(AC277-480V)



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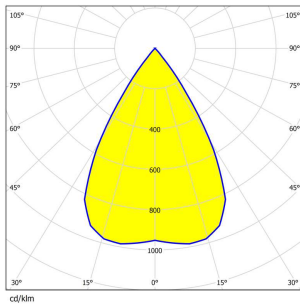
200W/240W

(AC277-480V)

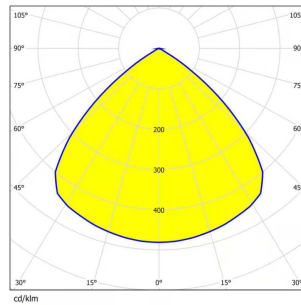


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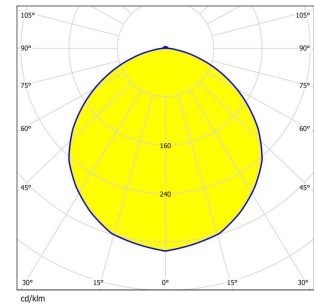
Photometrics



Beam angle: 60°



Beam angle: 90°



Beam angle: 120°

Accessories

Intelligent control



PIR sensor



Networking Wireless Control
version PIR Sensor



Remote
controller

Installation mount



G Hook Mount
(Standard)



O Hook Mount



U bracket



Pendant Mount
Adapter



Safety Rope

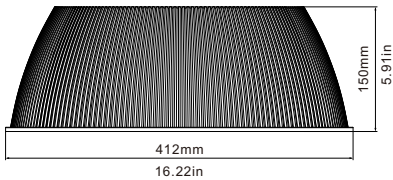
Emergency Battery Backup



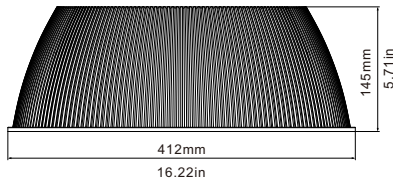
30W for HBF 100W~240W , at 120-277/347V
40W for X-HBF-310W , at 120-277/347V

Reflector

Frosted Polycarbonate Dome Lens



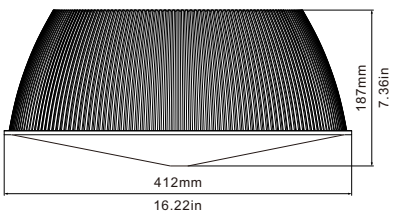
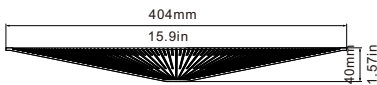
100W, 120W, 150W (150/120/100)W



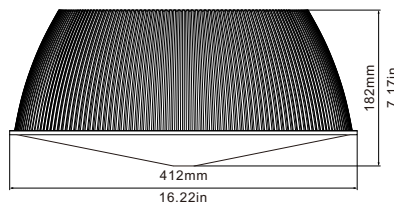
200W, 240W (240/200/180)W
310W, (310/270/240)W



Dust Cover For Frosted Polycarbonate Dome Lens



100W, 120W, 150W (150/120/100)W



200W, 240W (240/200/180)W

