

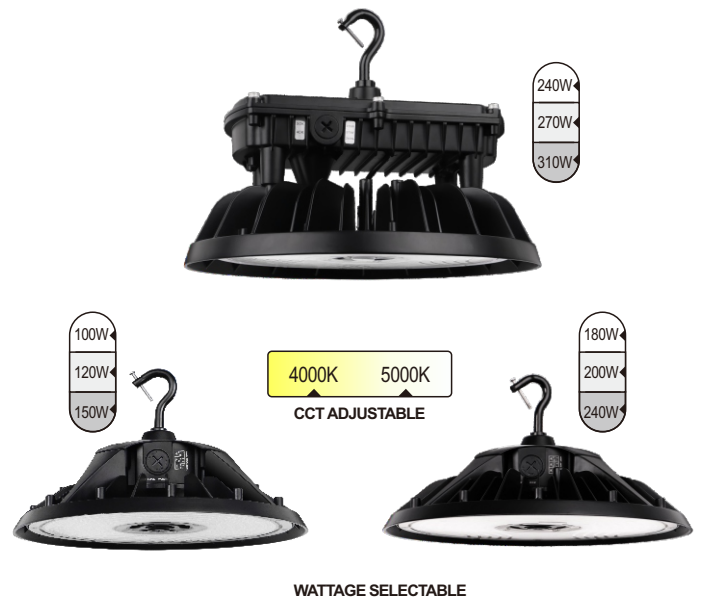
# HBF HIGH BAY - UFO

LED Round High Bay with Selectable CCT and Lumen



## 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.
- ◆ HBF offers two levels efficiency, 150lm/w as standard.
- ◆ Standard with 0-10V sensor port, for quick plug and play install sensor. The fixture is DLC listed, also compatible with NLC system.
- ◆ Fixture comes standard with a G hanging hook, also the O hook, U bracket and Pendant mount adapter are available as accessories.
- ◆ IP65 and NEMA 4X rated products, suitable for commercial and industrial, especially heavy duty applications.



## Product Specifications

### Construction:

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

### Electrical:

- ◆ 0-10v dimmable driver, which can dim from 100% down to off.
- ◆ The Input voltage is AC120-277V/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.  
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.
- ◆ 5ft power and 1ft dimming cord provided for easier installation.

### Finish:

- ◆ Black color is standard.

### Optics:

- ◆ Selectable CCT 4000K or 5000K (Default setting) , CRI >80.
- ◆ Three distributions are available, Narrow, Medium (Standard) and Wide.



### Mounting:

- ◆ Comes standard with G hook, O hook, U bracket, and 3/4" NPS threaded pendant mount adapter are available. Safety hanging kit is optional.

### Ambient Temperature:

- ◆ -40° F (-40° C) to 113° F (45° C)

### Compliances:

- ◆ cULus listed for wet locations.  
DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org).

### Warranty:

- ◆ 5-year limited warranty.

## Ordering Guide

EXAMPLE: X-HBF(240/200/180)W-(40/50)K80LV-C

Category	Product Name HBF	Wattage XXXW	CCT XXK	CRI 80	Input Voltage AA	Sensor XXX	Efficiency Y
X	HBF	150W 240W 310W	50K=5000K	80=CRI80	LV=AC120-277V/ HV= AC277-480V	Blank=without Sensor SW=Microwave Motion Sensor SP=PIR Sensor	C=General Light Efficiency <sup>6</sup>
		(150/120/100)W <sup>1</sup> (240/200/180)W <sup>2</sup> (310/270/240)W <sup>3</sup>	(40/50)K=4000/5000K <sup>4</sup>				

Note: 1. (150/120/100)W=150W, 120W, 100W Selectable, 150W default setting.  
2. (240/200/180)W=240W, 200W, 180W Selectable, 240W default setting.  
3. (310/270/240)W=310W, 270W, 240W Selectable, 310W default setting.

4. (40/50)K=4000K, 5000K Selectable, 5000K default setting.  
5. The Input Voltage AC120-277V or AC277-480V  
6. C=150lm/w General Light Efficiency.

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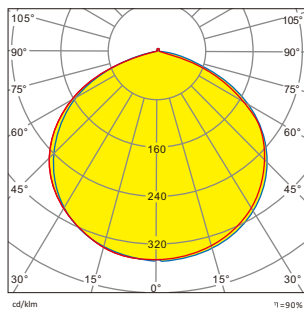


## Performance Data

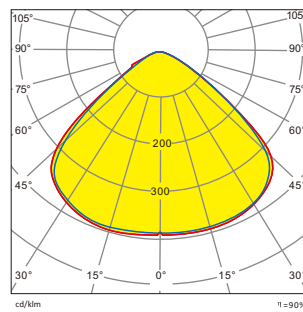
### General Light Efficiency

Model Number	Input Voltage	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	Lumens	Watts	LPW	CRI
X-HBF(150/120/100)W -(40/50)K80LV-C	AC120-277V/ 50/60Hz	1	Yes	4000K	4000K/5000K	16,450	100	164	>80
				5000K		16,210	100	162	
		2		4000K		19,470	120	162	
				5000K		19,190	120	160	
		3		4000K		23,340	150	156	
				5000K		23,000	150	153	
X-HBF(240/200/180)W -(40/50)K80LV-C	AC120-277V/ 50/60Hz	1	Yes	4000K	4000K/5000K	29,190	180	162	>80
				5000K		28,670	180	159	
		2		4000K		31,860	200	159	
				5000K		31,290	200	156	
		3		4000K		37,170	240	155	
				5000K		36,500	240	152	
X-HBF(310/270/240)W -(40/50)K80LV-C	AC120-277V/ 50/60Hz	1	Yes	4000K	4000K/5000K	37,640	240	157	>80
				5000K		36,820	240	153	
		2		4000K		41,900	270	155	
				5000K		40,990	270	152	
		3		4000K		48,040	310	155	
				5000K		47,000	310	152	
X-HBF150W-XXK80HV-C	AC277-480V 50/60Hz	Not adjustable	NO	5000K	NO	22,500	150	150	>80
X-HBF240W-XXK80HV-C	AC277-480V 50/60Hz	Not adjustable	NO	5000K	NO	36,200	240	151	>80
X-HBF310W-XXK80HV-C	AC277-480V 50/60Hz	Not adjustable	NO	5000K	NO	47,000	310	152	>80

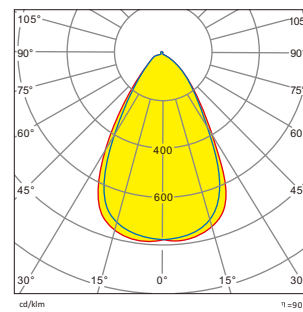
## Photometrics



Wide



Medium (Standard)



Narrow

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## Power Selection And CCT Selection Capability

**Power Setting**  
Adjust power between 150/120/100W, 150W default setting. or Adjust power between 240/200/180W, 240W default setting.

**CCT Setting**  
Adjust CCT between 4000/5000K, 5000K default setting.

**CCT Setting**  
Adjust CCT between 4000/5000K, 5000K default setting.

**Power Setting**  
Adjust power between 310/270/240W, 310W default setting.

## Accessories

### Sensor

Factory-Installable OR Field-Installable (field-installable purchased separately)

	<b>HDO9VR-PH</b> Screw-in PIR Sensor
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Field-Installable / Field-Use ONLY (purchased separately)

	<b>HD06R</b> Remote Control
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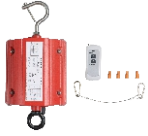
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## Emergency Battery Backup

Factory-Installable OR Field-Installable (field-installable purchased separately)

	<p><b>XEBB01-25WAC</b> Emergency Battery Backup EMUFO-25170-YY II -25W/90min, for X-HBF-100W~150W, at AC120-277.</p>		<p><b>XEBB02-40WAC</b> Emergency Battery Backup EMUFO-40170-YY II -40W/90min, for X-HBF-200W~310W, at AC120-277.</p>
	<p><b>XEBB18-40WACHV</b> Emergency Battery Backup EMUFO-40500DI-YY -40W/90min, for X-HBF-100W~310W, at AC277-480V.</p>		

## Mounts and Brackets

Field-Installable (field-installable purchased separately)

	<p><b>XUB-HBA-B</b> Small Size U Bracket for X-HBF-100W~240W</p>		<p><b>XUBC-HBC-B</b> Large Size U Bracket for X-HBF-310W</p>
	<p><b>XSR-0.3M</b> 0.3m Safety Rope</p>		<p><b>XSSHCC-0.5M</b> 0.5m Stainless Steel Hang Chains with 2pcs Carabiner</p>
	<p><b>XWEM10TENPS3/4A-RHB</b> External Threads M10 to External Threads 3/4"NPS Adapter Wiring for X-HBF-100W~240W</p>		

## Reflector

Field-Installable (field-installable purchased separately)

	<p><b>XPCR-HBS</b> Small Size (16.22x5.91") Polycarbonate Reflector for X-HBF-100W~150W</p>		<p><b>XPCR-HBL</b> Large Size (16.22x5.71") Polycarbonate Reflector for X-HBF-200W~310W</p>
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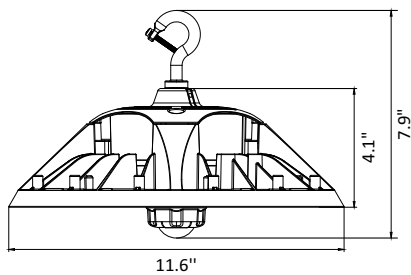
## Electrical Data

Model Series	Wattage(W)	Current (A)		
		Input Voltage (V)		
		120	277	480
X-HBF(150/120/100)W	100	0.93	0.40	N.A
	120	1.11	0.48	N.A
	150	1.39	0.60	N.A
X-HBF(240/200/180)W	180	1.67	0.72	N.A
	200	1.85	0.80	N.A
	240	2.22	0.96	N.A
X-HBF(310/270/240)W	240	2.22	0.96	N.A
	270	2.50	1.08	N.A
	310	2.87	1.24	N.A
X-HBF150W	150	1.39	0.60	0.35
X-HBF240W	240	2.22	0.96	0.56
X-HBF310W	310	2.87	1.24	0.72

## Dimensions

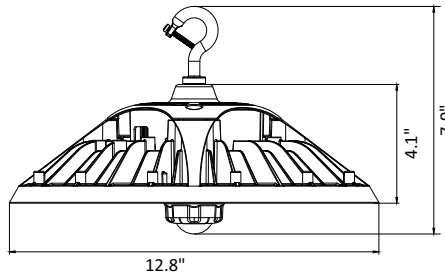
**(150/120/100)W**

(AC120-277)



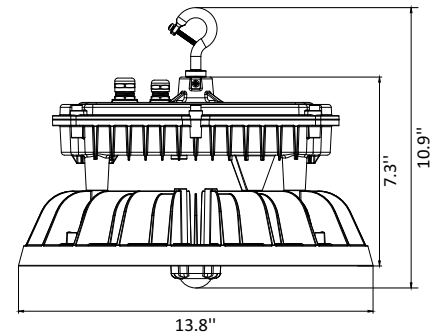
**(240/200/180)W**

(AC120-277)



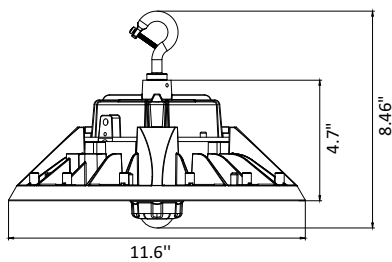
**(310/270/240)W**

(AC120-277, AC277-480V)



**150W**

(AC277-480V)



**240W**

(AC277-480V)

