

HBF SELECTABLE HIGH BAY

LED Round High Bay with Selectable CCT and Lumen



Contractor Essentials
LIGHT MORE, PAY LESS



WATTAGE SELECTABLE

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 and 170lm/w for high efficiency version.
- ◆ Standard with 0-10V sensor port, for quick plug and play install sensor. The fixture is DLC LLLC 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/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.
- ◆ 5ft (59") long power and 1ft (12") long dimming cord provided for easier installation.

Finish:

- ◆ Black color is standard, White and customized color are available.

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.

Warranty:

- ◆ 5-year limited warranty.



Ordering Guide

EXAMPLE: X-HBF150W-XXK80AA-XXX

Brand	Product Name HBF	Wattage XXXW	CCT XXK	CRI 80	Input Voltage AA	Sensor XXX	Efficiency Y
	HBF	150W 240W 310W (150/120/100)W ¹ (240/200/180)W ² (310/270/240)W ³	40K=4000K 50K=5000K (40/50)K=4000/5000K ⁴	80=CRI80	LV=AC120-277V/ AC120-347V ⁵ HV= AC277-480V	Blank=without 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 ⁶ H=High Light Efficiency ⁷

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 is for US Market, AC120-347V is for Canada Market only.
6. C=150lm/w General Light Efficiency.
7. H=170lm/w High Light Efficiency. The HBF series with CCT Selectable does not have a high light efficiency option.

Performance Data

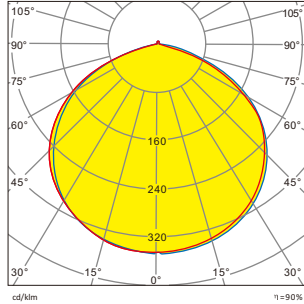
General Light Efficiency

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/ AC120-347V 50/60Hz	1	Yes	4000K	Yes	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/ AC120-347V 50/60Hz	1	Yes	4000K	Yes	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/ AC120-347V 50/60Hz	1	Yes	4000K	Yes	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-HBF(150/120/100)W -XXK80LV-C	AC120-277V/ AC120-347V 50/60Hz	1	Yes	4000K	No	15,890	100	159	>80
				5000K		15,990	100	160	
		2		4000K		18,570	120	155	
	5000K	18,680		120		156			
	3	4000K		23,100		150	154		
	5000K	23,100		150		154			
X-HBF(240/200/180)W -XXK80LV-C	AC120-277V/ AC120-347V 50/60Hz	1	Yes	4000K	No	27,660	180	154	>80
				5000K		28,130	180	156	
		2		4000K		30,460	200	152	
	5000K	30,980		200		155			
	3	4000K		36,300		240	151		
	5000K	36,300		240		151			
X-HBF(310/270/240)W -XXK80LV-C	AC120-277V/ AC120-347V 50/60Hz	1	Yes	4000K	No	37,310	240	155	>80
				5000K		37,830	240	158	
		2		4000K		41,150	270	152	
	5000K	41,730		270		155			
	3	4000K		47,300		310	153		
	5000K	47,300		310		153			
X-HBF100W-XXK80HV-C	AC277-480V 50/60Hz	Not adjustable	NO	4000K	NO	15,300	100	153	>80
X-HBF120W-XXK80HV-C	AC277-480V 50/60Hz	Not adjustable	NO	4000K	NO	18,500	120	154	>80
				5000K	18,500	120	154		
X-HBF150W-XXK80HV-C	AC277-480V 50/60Hz	Not adjustable	NO	4000K	NO	22,500	150	150	>80
				5000K	22,500	150	150		
X-HBF200W-XXK80HV-C	AC277-480V 50/60Hz	Not adjustable	NO	4000K	NO	31,000	200	155	>80
				5000K	31,000	200	155		
X-HBF240W-XXK80HV-C	AC277-480V 50/60Hz	Not adjustable	NO	4000K	NO	36,200	240	151	>80
				5000K	36,200	240	151		
X-HBF310W-XXK80HV-C	AC277-480V 50/60Hz	Not adjustable	NO	4000K	NO	47,000	310	152	>80
				5000K	47,000	310	152		

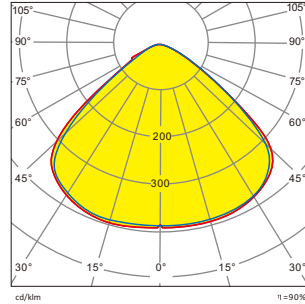
High Light Efficiency

Model Number	Input Voltage	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	Lumens	Watts	LPW	CRI
X-HBF(150/120/100)W -XXK80LV-H	AC120-277V/ AC120-347V 50/60Hz	1	Yes	4000K	No	17,950	100	179	>80
				5000K		18,120	100	181	
		2		4000K		21,160	120	176	
	5000K	21,350		120		178			
	3	4000K		26,000		150	173		
	5000K	26,000		150		173			
X-HBF(240/200/180)W -XXK80LV-H	AC120-277V/ AC120-347V 50/60Hz	1	Yes	4000K	No	31,100	180	173	>80
				5000K		31,290	180	174	
		2		4000K		34,500	200	173	
	5000K	34,700		200		174			
	3	4000K		41,300		240	172		
	5000K	41,300		240		172			
X-HBF(310/270/240)W -XXK80LV-H	AC120-277V/ AC120-347V 50/60Hz	1	Yes	4000K	No	42,040	240	175	>80
				5000K		42,360	240	177	
		2		4000K		46,930	270	174	
	5000K	47,180		270		175			
	3	4000K		53,400		310	172		
	5000K	53,400		310		172			

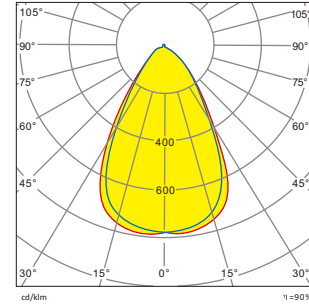
Photometrics



Wide

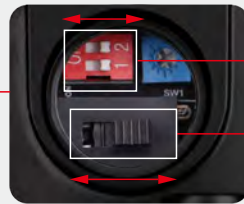


Medium (Standard)



Narrow

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.



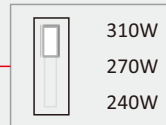
CCT Setting

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)




HDO9VR-PH
Screw-in PIR Sensor






HDO9VR-PHB
Screw-in PIR Sensor
(Networking Wireless Control Version)

Field-Installable / Field-Use ONLY (purchased separately)

	<p>HD06R Remote Control</p>
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Emergency Battery Backup

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

	<p>XEBO1-25WAC Emergency Battery Backup EMUFO-25170-YY II -25W/90min, for X-HBF-100W~150W, at AC120-277/347V</p>		<p>XEBO2-40WAC Emergency Battery Backup EMUFO-40170-YY II -40W/90min, for X-HBF-200W~310W, at AC120-277/347V</p>
	<p>XEBO18-40WACHV 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>XUB-HBA-B Small Size U Bracket for X-HBF-100W~240W</p>		<p>XUBC-HBC-B Large Size U Bracket for X-HBF-310W</p>
	<p>XSR-0.3M 0.3m Safety Rope</p>		<p>XSSHCC-0.5M 0.5m Stainless Steel Hang Chains with 2pcs Carabiner</p>
	<p>XWEM10TENPS3/4A-RHB External Threads M10 to External Threads 3/4"NPS Adapter Wiring for X-HBF-100W~240W</p>		

Reflector

Field-Installable (field-installable purchased separately)

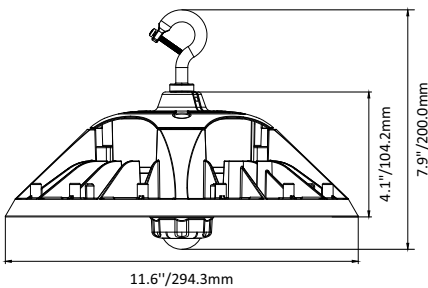
	<p>XPCR-HBS Small Size (16.22x5.91") Polycarbonate Reflector for X-HBF-100W~150W</p>		<p>XPCR-HBL Large Size (16.22x5.71") Polycarbonate Reflector for X-HBF-200W~310W</p>
	<p>XPCRDHBS Small Size (16.22x7.36") Polycarbonate Reflector with Drop Lens for X-HBF-100W~150W</p>		<p>XPCRDHBL Small Size (16.22x7.17") Polycarbonate Reflector with Drop Lens X-HBF-200W~310W</p>

Electrical Data

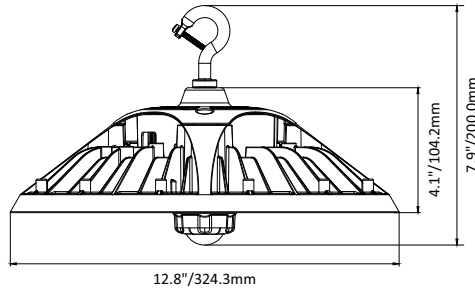
Model Series	Wattage(W)	Current (A)					
		Input Voltage (V)					
		120	208	240	277	347	480
X-HBF(150/120/100)W	100	0.93	0.53	0.46	0.40	0.32	N.A
	120	1.11	0.64	0.56	0.48	0.38	N.A
	150	1.39	0.80	0.69	0.60	0.48	N.A
X-HBF(240/200/180)W	180	1.67	0.96	0.83	0.72	0.58	N.A
	200	1.85	1.07	0.93	0.80	0.64	N.A
	240	2.22	1.28	1.11	0.96	0.77	N.A
X-HBF(310/270/240)W	240	2.22	1.28	1.11	0.96	0.77	N.A
	270	2.50	1.44	1.25	1.08	0.86	N.A
	310	2.87	1.66	1.44	1.24	0.99	N.A
X-HBF100W	100	0.93	0.53	0.46	0.40	0.32	0.23
X-HBF120W	120	1.11	0.64	0.56	0.48	0.38	0.28
X-HBF150W	150	1.39	0.80	0.69	0.60	0.48	0.35
X-HBF200W	200	1.85	1.07	0.93	0.80	0.64	0.46
X-HBF240W	240	2.22	1.28	1.11	0.96	0.77	0.56
X-HBF310W	310	2.87	1.66	1.44	1.24	0.99	0.72

Dimensions

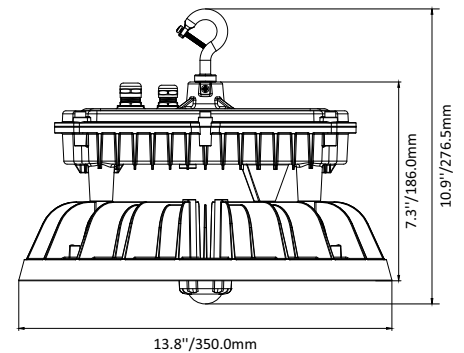
(150/120/100)W
(AC120-277/347V)



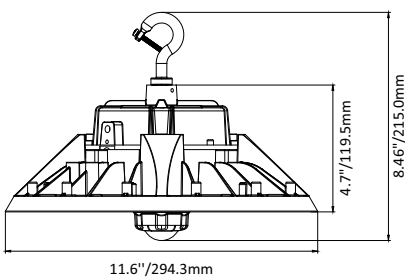
(240/200/180)W
(AC120-277/347V)



(310/270/240)W
(AC120-277/347V, AC277-480V)



150W
(AC277-480V)



240W
(AC277-480V)

