



HBBG-X

LED Round High Bay with Selectable CCT and Lumen

Introduction

- ◆ Available in four sizes, the HBBG-X UFO high bay with the ability to switch lumens and adjust CCT in one fixture, making it versatile enough to handle countless applications.
- ◆ HBBG-X provides 150lm/W (standard) and 170lm/W light efficacy options, which will assure the brightness meets the application and provides the amount of light you want and need for your area during install.
- ◆ Standard with 0-10V sensor port, for quick plug and play install sensor. The fixture with Bluetooth control sensor supports LLC of HSE Smart Inc(Product ID: N-WPYMOL) and Litetrace (Product ID: N-BYH6ZO). Emergency battery backup is available.
- ◆ IP65 rated products, suitable for commercial and industrial: Warehouses and storage, Industrial facilities, Retail centers, Manufacturing, Sports facilities and Gymnasiums.

Product Specifications

Construction:

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

Electrical:

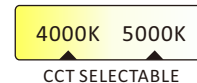
- ◆ 0-10V continuous dimmable driver, which can dim from 100% down to off.
- ◆ The Input voltage is 120-277VAC/120-347VAC/277-480VAC (50/60Hz).
- ◆ All models are designed to withstand up to L/N-PE: 6kV, L-N: 6kV surge.
- ◆ Flicker-free.
- ◆ 5ft (59") long power and 1ft (12") long dimming cord provided 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:

- ◆ It comes standard with the G hook. The O hook, U bracket, and 3/4" NPS Threaded Pendant mount adapter are available. Safety Hanging kit is optional.

Ambient Temperature:

- ◆ The 3-pin screw-in base comes as standard, while the sensor is optional.

Ambient Temperature:

- ◆ -40° F (-40° C) to 122° F (50° 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. Contact Paraflex for complete warranty terms.

Ordering Guide

EXAMPLE: HBBG-X-150WSCSDUVBCXZ

Model HBBG-X	Wattage ¹ XXX	CCT ² YYY	Input Voltage AA	Finish ³ ZZ	Sensor X	Efficacy Z
HBBG-X	150WS=150/100/80W 200WS=200/150/100W 240WS=240/200/150W 320WS=320/240/200W	40K=4000K 50K=5000K CSD=4000K/5000K	UV=120-277VAC LV=120-347VAC HV=277-480VAC	BC=Black color WC=White color DC=Dark Bronze color SC=Silver color GC=Green color OC=Other color	S=with Sensor BS=Networking Wireless Control version Sensor Blank=without Sensor	G=General light efficacy H=High light efficacy

Note: 1.150WS=150W, 100W, 80W Selectable, 150W default setting. 200WS=200W, 150W, 100W Selectable, 200W default setting. 240WS=240W, 200W, 150W Selectable, 240W default setting. 320WS=320W, 240W, 200W Selectable, 320W default setting.

2.CSD=4000K, 5000K Selectable, 5000K default setting.

3.Finishes in grey text are custom colors. For orders, please contact us in advance.



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Performance Data

General Efficacy

Lumen values are based on 277V AC input product configuration, contact for performance data on any configurations not shown here.

Model Number	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	Lumens	Watts	LPW	CRI
HBBG-X-150WSCSDAAZZXG	1	Yes	4000	Yes	12,350	80	155	>80
			5000		11,950	80	150	
	2		4000		15,450	100	155	
			5000		14,950	100	150	
	3		4000		23,350	150	155	
			5000		22,400	150	150	
HBBG-X-200WSCSDAAZZXG	1	Yes	4000	Yes	15,800	100	158	>80
			5000		15,250	100	153	
	2		4000		23,650	150	158	
			5000		22,900	150	153	
	3		4000		31,700	200	158	
			5000		30,500	200	153	
HBBG-X-240WSCSDAAZZXG	1	Yes	4000	Yes	23,500	150	157	>80
			5000		22,550	150	151	
	2		4000		31,300	200	157	
			5000		30,050	200	151	
	3		4000		37,800	240	157	
			5000		36,100	240	151	
HBBG-X-320WSCSDAAZZXG	1	Yes	4000	Yes	31,700	200	159	>80
			5000		30,250	200	152	
	2		4000		38,050	240	159	
			5000		36,300	240	152	
	3		4000		50,950	320	159	
			5000		48,450	320	152	

High Efficacy

Lumen values are based on 277V AC input product configuration, contact for performance data on any configurations not shown here.

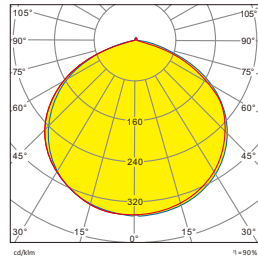
Model Number	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	Lumens	Watts	LPW	CRI
HBBG-X-150WSYAAA ZZXH	1	Yes	4000	No	13,850	80	173	>80
			5000		13,900	80	174	
	2		4000		17,300	100	173	
			5000		17,350	100	174	
	3		4000		26,050	150	173	
			5000		26,050	150	174	
HBBG-X-200WSYAAA ZZXH	1	Yes	4000	No	17,350	100	174	>80
			5000		17,500	100	175	
	2		4000		26,050	150	174	
			5000		26,200	150	175	
	3		4000		34,850	200	174	
			5000		35,050	200	175	
HBBG-X-240WSYAAA ZZXH	1	Yes	4000	No	26,000	150	174	>80
			5000		26,200	150	175	
	2		4000		34,700	200	174	
			5000		34,900	200	175	
	3		4000		41,600	240	174	
			5000		42,050	240	175	
HBBG-X-320WSYAAA ZZXH	1	Yes	4000	No	34,750	200	174	>80
			5000		34,850	200	175	
	2		4000		41,700	240	174	
			5000		41,800	240	175	
	3		4000		55,650	320	174	
			5000		55,800	320	175	



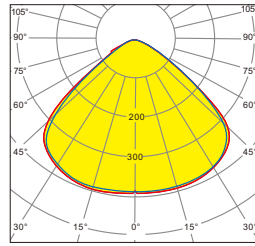
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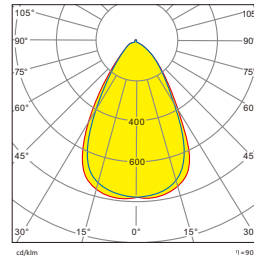
Photometrics



Wide

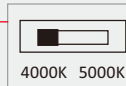
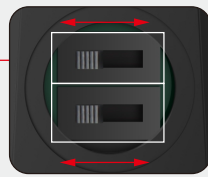


Medium (Standard)



Narrow

Power Selection And CCT Selection Capability



Power Setting

Size	Power Selection	Default Setting
Small	Adjust power between 150/100/80W	150W
	Adjust power between 200/150/100W	200W
Medium	Adjust power between 240/200/150W	240W
Large	Adjust power between 320/240/200W	320W

CCT Setting

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

Accessories

Sensor

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



HD09VR-PH
Sensor Type: PIR Sensor
Max. Mounting Height: 39.4ft



HSE-BSP9H-1
Sensor Type: PIR Sensor
Max. Mounting Height: 39.4ft
Control: Wireless Networking(including Bluetooth)

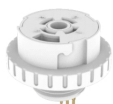
Field-Installable / Field-Use ONLY (purchased separately)



HD06R
Remote Control

Zhaga Control

Field-Installable (field-installable purchased separately)



HBBG-X-3PTZ10ZGA-WA
Zhaga Adapter
for 3-pin Reverse to Z10 Zhaga

Factory-Installable(purchased separately)



HBBG-X-ZGZ10CR-BB
Zhaga Z10 Controls Receptacle for HBBG-X





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Emergency Battery Backup

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

	HBBG-X-EBB01-25WAC Emergency Battery Backup EMUFO-25170-YY II -25W/90min, for HBBG-X-150WS, at 120-277/347VAC		HBBG-X-EBB02-40WAC Emergency Battery Backup EMUFO-40170-YY II -40W/90min, for HBBG-X-200WS~320WS, at 120-277/347VAC
	HBBG-X-EBB18-40WACHV Emergency Battery Backup EMUFO-40500DI-YY -40W/90min, for HBBG-X-150WS~320WS, at 277-480VAC		

Mounts and Brackets

Field-Installable (field-installable purchased separately)

	HBBG-X-UB-HBA-B Small Size U Bracket for HBBG-X-150WS~320WS		HBBG-X-SR-0.3M 0.3m Safety Rope
	HBBG-X-WEM10TENPS3/4A-RHB External Threads M10 to External Threads 3/4"NPS Adapter Wiring for HBBG-X-150WS~240WS		HBBG-X-WEM12TENPS3/4A-RHB External Threads M12 to External Threads 3/4"NPS Adapter Wiring for HBBG-X-320WS
	HBBG-X-SSHCC-0.5M 0.5m Stainless Steel Hang Chains with 2pcs Carabiner		

Reflector

Field-Installable (field-installable purchased separately)

	HBBG-X-PCR-HBSS Smaller Size (12.20x5.04") Polycarbonate Refractor for HBBG-X-150WS~200WS		HBBG-X-PCRD-L-HBSS Smaller Size (12.20x6.14") Polycarbonate Refractor with Drop Lens for HBBG-X-150WS~200WS
	HBBG-X-PCR-HBS Small Size (16.22x5.91") Polycarbonate Refractor for HBBG-X-240WS		HBBG-X-PCRD-L-HBS Small Size (16.22x7.36") Polycarbonate Refractor with Drop Lens for HBBG-X-240WS
	HBBG-X-PCR-HBL Large Size (16.22x5.71") Polycarbonate Refractor for HBBG-X-320WS		HBBG-X-PCRD-L-HBL Large Size (16.22x7.17") Polycarbonate Refractor with Drop Lens for HBBG-X-320WS



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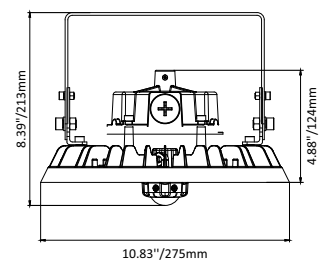
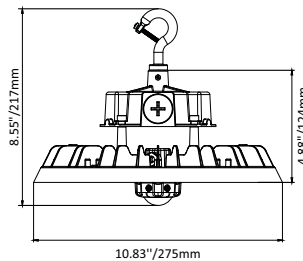
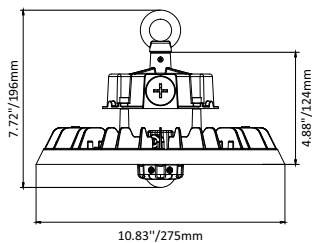
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Electrical Data

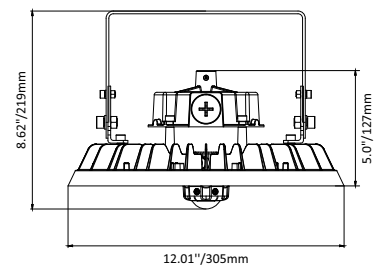
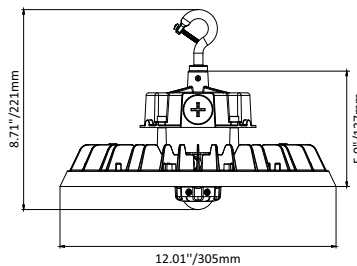
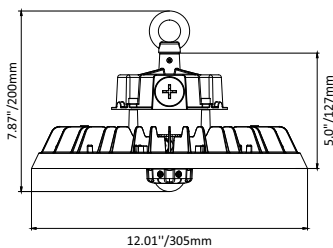
Model Series	Wattage(W)	Current (A)					
		Input Voltage (V)					
		120	208	240	277	347	480
HBBG-X-150WS	80	0.74	0.43	0.37	0.32	0.26	0.19
	100	0.93	0.53	0.46	0.40	0.32	0.23
	150	1.39	0.80	0.69	0.60	0.48	0.35
HBBG-X-200WS	100	0.93	0.53	0.46	0.40	0.32	0.23
	150	1.39	0.80	0.69	0.60	0.48	0.35
	200	1.85	1.07	0.93	0.80	0.64	0.46
HBBG-X-240WS	150	1.39	0.80	0.69	0.60	0.48	0.35
	200	1.85	1.07	0.93	0.80	0.64	0.46
	240	2.22	1.28	1.11	0.96	0.77	0.56
HBBG-X-320WS	200	1.85	1.07	0.93	0.80	0.64	0.46
	240	2.22	1.28	1.11	0.96	0.77	0.56
	320	2.96	1.71	1.48	1.28	1.02	0.74

Dimensions

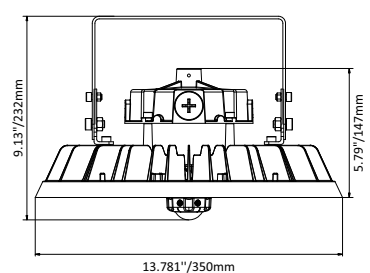
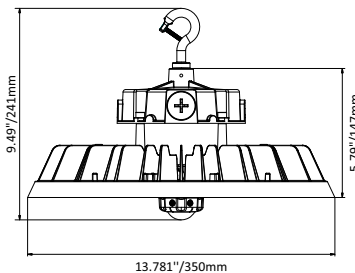
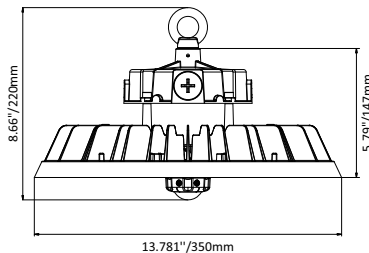
150WS, 200WS



240WS



320WS



DLC: For the exact DLC listing and DLC SKU, please contact [Paraflex](https://www.paraflexlighting.com).

Disclaimer:

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