

HBG Selectable High Bay

LED Round High Bay with Selectable CCT and Lumen



Introduction

- ◆ Available in three sizes, the HBG UFO high bay with the ability to switch lumens and adjust CCT in one fixture, making it versatile enough to handle countless applications.
- ◆ HBG 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 LLLC of HSE Smart Inc (Product ID: N-WPYM0L) 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.
- ◆ 5L (59") long power and 1L (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.



4000K 5000K

CCT SELECTABLE



240WS
Wattage
Selectable



320WS
Wattage
Selectable



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.

Ordering Guide

EXAMPLE: VHBG150WSCSDUVBCXZ

Brand V	Product Name HBG	Wattage ¹ XXX	CCT ² YYY	Input Voltage AA	Finish ³ ZZ	Sensor X	Efficacy Z
VSY	HBG	150WS=150/100/80W 200WS=200/150/100W 240WS=240/200/150W 320WS=320/240/200W Note: WS=Wattages Selectable	40K=4000K 50K=5000K CSD=4000K/5000K Note: CSD=CCT Selectable	UV=120-277VAC LV=120-347VAC HV=277-480VAC	BC=Black color WC=White color DC=Dark Bronze color SC=Silvery 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.



Performance Data

General Efficacy

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

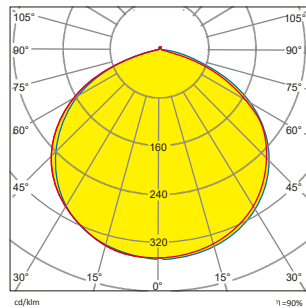
Model Number	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	Lumens	Watts	LPW	CRI
VHBG150WSCSDAAZZXG	1	Yes	4000	Yes	12,350	80	155	>80
			5000		11,950	80	150	
	2		4000		15,450	100	155	
			5000		14,950	100	150	
	3		4000		23,350	150	155	
			5000		22,400	150	150	
VHBG200WSCSDAAZZXG	1	Yes	4000	Yes	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	
VHBG240WSCSDAAZZXG	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	
VHBG320WSCSDAAZZXG	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

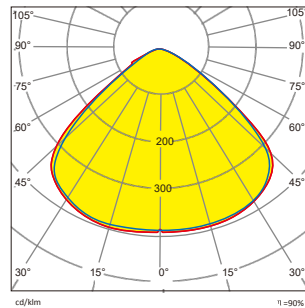
Lumen values are based on 277V AC input product configuration, contact for performance data on any configurations not shown here.

Model Number	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	Lumens	Watts	LPW	CRI
VHBG150WSYYYAAZZXH	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	
VHBG200WSYYYAAZZXH	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	
VHBG240WSYYYAAZZXH	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	
VHBG320WSYYYAAZZXH	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	

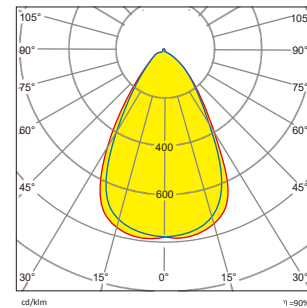
Photometrics



Wide

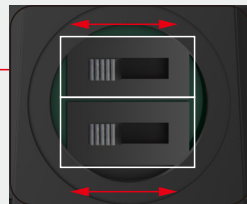


Medium (Standard)



Narrow

Power Selection And CCT Selection Capability



1 2 3

4000K 5000K

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)



HDO9VR-PH

Sensor Type: PIR Sensor
Max. Mounting Height: 39.4L



HSE-BSP9H-1

Sensor Type: PIR Sensor
Max. Mounting Height: 39.4L
Control: Wireless Networking(including Bluetooth)

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



HD06R

Remote Control

Zhaga Control

Field-Installable (field-installable purchased separately)



V3PTZ10ZGA-WA

Zhaga Adapter for 3-pin
Reverse to Z10 Zhaga



VZGZ10CR-BB

Zhaga Z10 Controls Receptacle for XHBG



Emergency Battery Backup

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

	VEBB01-25WAC Emergency Battery Backup EMUFO-25170-YY II -25W/90min, for VHBG150WS, at 120-277/347VAC		VEBB02-40WAC Emergency Battery Backup EMUFO-40170-YY II -40W/90min, for VHBG200WS~320WS, at 120-277/347VAC
	VEBB18-40WACHV Emergency Battery Backup EMUFO-40500DI-YY -40W/90min, for VHBG150WS~320WS, at 277-480VAC		

Mounts and Brackets

Field-Installable (field-installable purchased separately)

	VUB-HBA-B Small Size U Bracket for VHBG150WS~320WS		VSR-0.3M 0.3m Safety Rope
	VWEM10TENPS3/4A-RHB External Threads M10 to External Threads 3/4"NPS Adapter Wiring for VHBG150WS~240WS		VWEM12TENPS3/4A-RHB External Threads M12 to External Threads 3/4"NPS Adapter Wiring for VHBG320WS
	VSSHCC-0.5M 0.5m Stainless Steel Hang Chains with 2pcs Carabiner		

Reflector

Field-Installable (field-installable purchased separately)

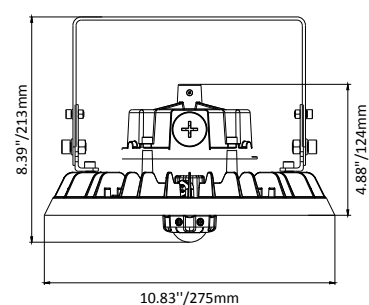
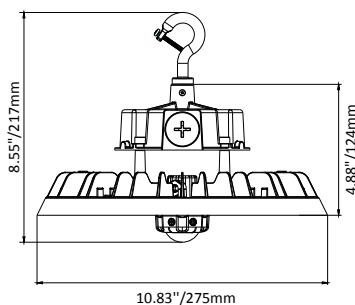
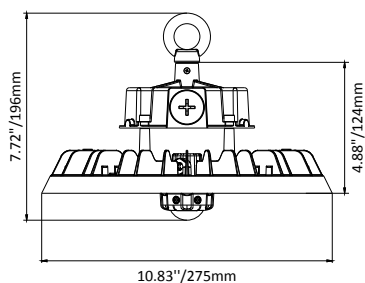
	VPCR-HBSS Smaller Size (12.20x5.04") Polycarbonate Refractor for VHBG150WS~200WS		VPCRD-LHBSS Smaller Size (12.20x6.14") Polycarbonate Refractor with Drop Lens for VHBG150WS~200WS
	VPCR-HBS Small Size (16.22x5.91") Polycarbonate Refractor for VHBG240WS		VPCRD-LHBS Small Size (16.22x7.36") Polycarbonate Refractor with Drop Lens for VHBG240WS
	VPCR-HBL Large Size (16.22x5.71") Polycarbonate Refractor for VHBG320WS		VPCRD-LHBL Large Size (16.22x7.17") Polycarbonate Refractor with Drop Lens for VHBG320WS

Electrical Data

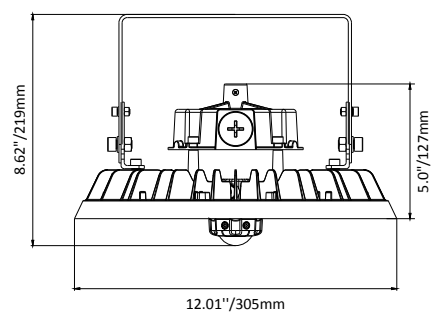
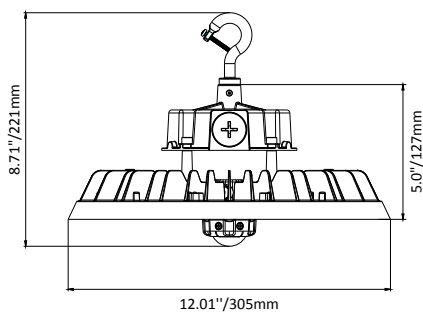
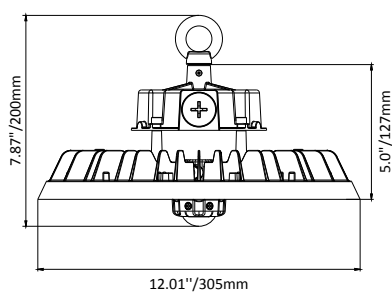
Model Series	Wattage(W)	Current (A)					
		Input Voltage (V)					
		120	208	240	277	347	480
VHBG150WS	80	0.74	0.43	0.37	0.32	0.26	0.19
	100	0.93	0.53	0.46	0.40	0.32	0.23
	150	1.39	0.80	0.69	0.60	0.48	0.35
VHBG200WS	100	0.93	0.53	0.46	0.40	0.32	0.23
	150	1.39	0.80	0.69	0.60	0.48	0.35
	200	1.85	1.07	0.93	0.80	0.64	0.46
VHBG240WS	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
VHBG320WS	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

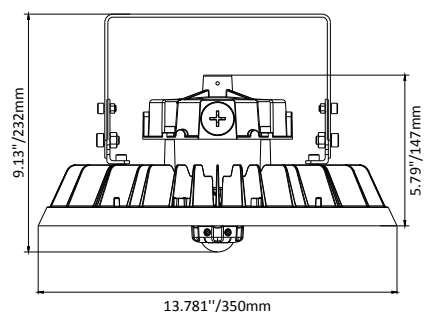
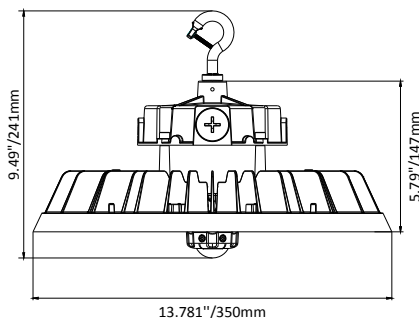
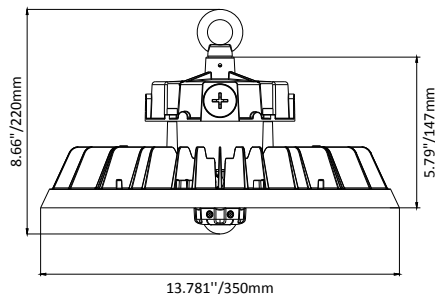
150WS, 200WS



240WS



320WS



Shipping Information

Model	Carton Size (in)	G.W. (lbs)	Per carton (pcs)	20GP (pcs)	40HQ (pcs)
VHBG150WS	12.99 x 12.99 x 6.50	5.73	1	1,296	3,565
VHBG200WS	12.99 x 12.99 x 6.50	5.73	1	1,296	3,565
VHBG240WS	14.17 x 14.17 x 6.50	7.08	1	1,089	2,995
VHBG320WS	15.91 x 15.91 x 7.09	10.36	1	793	2,181

Note: The packaging data can sometimes be outdated or incomplete. For the most reliable information, please reach out to us directly.