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 is DLCLLLC listed also compatible with NLC system. 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 dimmable driver, which can dim from 100% down to off.
- The Input voltage is AC120-277V/AC120-347V/AC277-480V (50/60Hz).
  All models 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:

- 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 122° F (50° C)

Compliances:

- cULus listed for wet locations.
  DLC® (DesignLights Consortium) Qualified. Please refer tothe DLC website for specific product qualifications at

Warranty:

- 5-year limited warranty.

Ordering Guide

www.designlights.org

EXAMPLE: XHBG150WSCSDUVSG

Brand X	Product Name HBG	Wattage XXXWS	CCT XXX	Input Voltage AA	Sensor X	Efficacy Y
	HBG	150WS=150W/100W/80W 200WS=200W/150W/100W 240WS=240W/200W/150W 240WS4=240W/200W/150W/100W 320WS=320W/240W/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	S=Sensor BS=Networking Wireless Control version Sensor Blank=without Sensor	G=General light efficacy H=High light efficacy

Performance Data

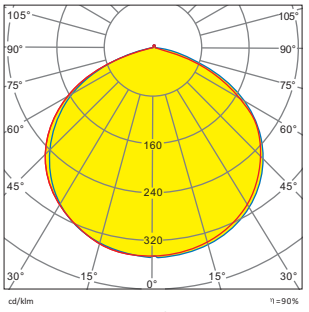
General Efficacy

Model Number	Wattage	Lumen @50K @150lm/w	CCT	Input voltage
XHBG150WSXXXAAXG	150/100/80W Selectable	Max. 22,500	4000K or 5000K	AC120-277V/ AC120-347V/ AC277-480V 50/60Hz
XHBG150WSCSDAAXG		Max. 22,500	4000K/5000K Selectable	
XHBG200WSXXXAAXG	200/150/100W Selectable	Max. 30,000	4000K or 5000K	
XHBG200WSCSDAAXG		Max. 30,000	4000K/5000K Selectable	
XHBG240WSXXXAAXG	240/200/150W Selectable	Max. 36,000	4000K or 5000K	
XHBG240WSCSDAAXG		Max. 36,000	4000K/5000K Selectable	
XHBG240WS4XXXAAXG	240/200/150/100W Selectable	Max. 36,000	4000K or 5000K	AC120-277V 50/60Hz
XHBG240WS4CSDAAXG		Max. 36,000	4000K/5000K Selectable	
XHBG320WSXXXAAXG	320/240/200W Selectable	Max.48,000	4000K or 5000K	AC120-277V/347V/ AC277-480V 50/60Hz
XHBG320WSCSDAAXG		Max. 48,000	4000K/5000K Selectable	

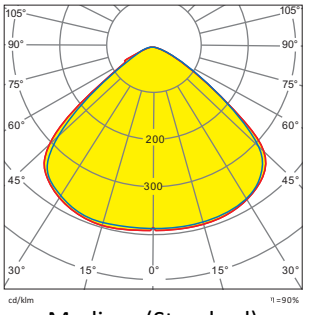
High Efficacy

Model Number	Wattage	Lumen @50K @170lm/w	CCT	Input voltage
XHBG150WSXXXAAXH	150/100/80W Selectable	Max. 25,500	4000K or 5000K	AC120-277V/ AC120-347V/ AC277-480V 50/60Hz
XHBG200WSXXXAAXH	200/150/100W Selectable	Max. 34,000		
XHBG240WSXXXAAXH	240/200/150W Selectable	Max. 40,800		
XHBG240WS4XXXAAXH	240/200/150/100W Selectable	Max. 40,800		AC120-277V 50/60Hz
XHBG320WSXXXAAXH	320/240/200W Selectable	Max. 54,400		AC120-277V/347V/ AC277-480V 50/60Hz

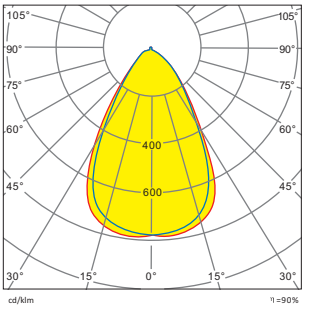
Photometrics



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
	Adjust power between 240/200/150/100W	
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 Screw-in PIR Sensor		HDO9VR-PHB Screw-in PIR Sensor (Networking Wireless Control Version)

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

	HD06R Remote Control

Emergency Battery Backup

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

	XEBB01-25WAC Emergency Battery Backup EMUFO-25170-YY II -25W/90min, for XHBG150WS, at AC120-277/347V		XEBB02-40WAC Emergency Battery Backup EMUFO-40170-YY II -40W/90min, for XHBG200WS~320WS, at AC120-277/347V
	XEBB18-40WACHV Emergency Battery Backup EMUFO-40500DI-YY -40W/90min, for XHBG150WS~320WS, at AC277–480V		

Mounts and Brackets

Field-Installable (field-installable purchased separately)

	XUB-HBA-B Small Size U Bracket for XHBG150WS~320WS		XSR-0.3M 0.3m Safety Rope
	XWEM10TENPS3/4A-RHB External Threads M10 to External Threads 3/4"NPS Adapter Wiring for XHBG150WS~240WS4		XWEM12TENPS3/4A-RHB External Threads M12 to External Threads 3/4"NPS Adapter Wiring for XHBG320WS
	XSSHCC-0.5M 0.5m Stainless Steel Hang Chains with 2pcs Carabiner		

Reflector

Field-Installable (field-installable purchased separately)

	XPCR-HBSS Smaller Size (12.20x5.04") Polycarbonate Refractor for XHBG100WS～200WS		XPCRDL-HBSS Smaller Size (12.20x6.14") Polycarbonate Refractor with Drop Lens for XHBG100WS～200WS
	XPCR-HBS Small Size (16.22x5.91”) Polycarbonate Refractor for XHBG240WS		XPCRDL-HBS Small Size (16.22x7.36”) Polycarbonate Refractor with Drop Lens for XHBG240WS



XPCR-HBL
Large Size (16.22x5.71") Polycarbonate Refractor
for XHBG320WS



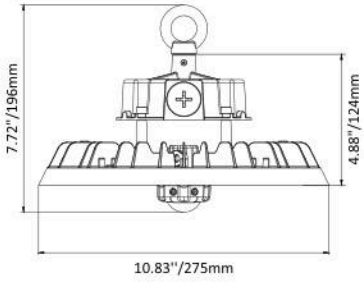
XPCRDL-HBL
Large Size (16.22x7.17") Polycarbonate Refractor
with Drop Lens
for XHBG320WS

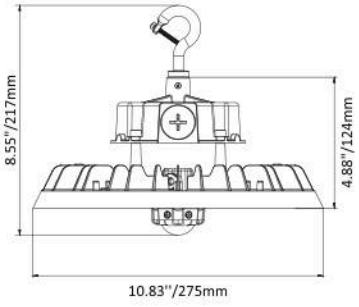
Electrical Data

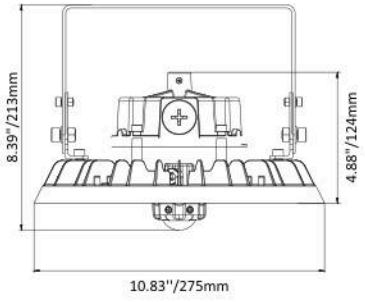
Model Series	Wattage(W)	Current (A)					
		Input Voltage (V)					
		120	208	240	277	347	480
XHBG150WS	80	0.74	0.43	0.37	0.32	0.26	0.19
	100	0.93	0.53	0.46	0.40	0.32	0.23
	150	1.39	0.80	0.69	0.60	0.48	0.35
XHBG200WS	100	0.93	0.53	0.46	0.40	0.32	0.23
	150	1.39	0.80	0.69	0.60	0.48	0.35
	200	1.85	1.07	0.93	0.80	0.64	0.46
XHBG240WS	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
XHBG240WS4	100	0.93	0.53	0.46	0.40	N.A	N.A
	150	1.39	0.80	0.69	0.60	N.A	N.A
	200	1.85	1.07	0.93	0.80	N.A	N.A
	240	2.22	1.28	1.11	0.96	N.A	N.A
XHBG320WS	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

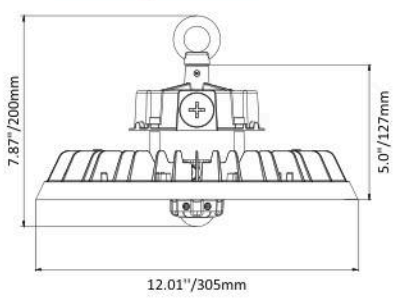
150WS, 200WS

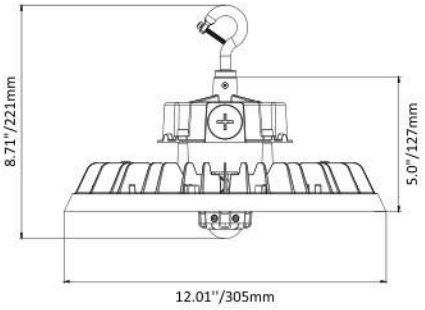


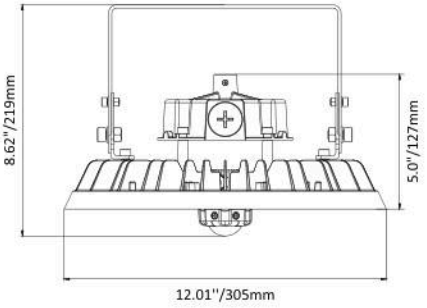




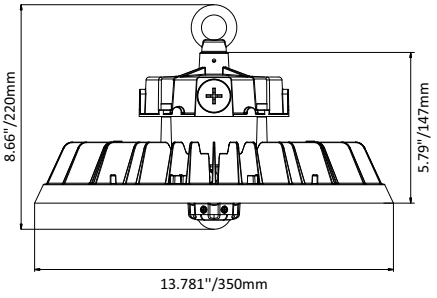
240WS, 240WS4

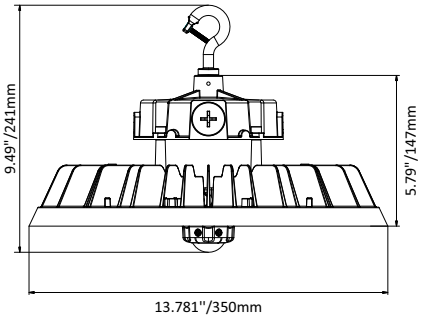


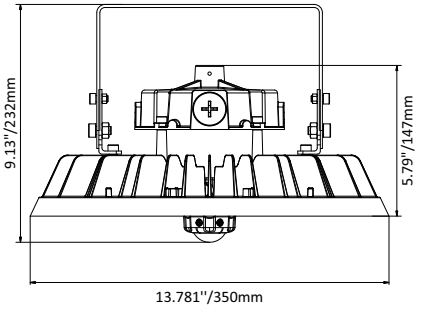




320WS


8.66"/220mm
5.79"/147mm
13.781"/350mm


9.49"/241mm
5.79"/147mm
13.781"/350mm


9.13"/232mm
5.79"/147mm
13.781"/350mm