

HIGH BAY LIGHT H4

Ultra-high efficiency
up to 140 lm/W



Note: Not all of the products indicated in this specification are DLC premium qualified, please refer to <https://www.designlights.org/searcher> for more details.

HIGH LIGHT · DURABLE · SAVE COST

100W/150W/200W/240W

Suitable for Factory / Warehouse / Indoor Basketball / Court / Gym / Shopping mall and other Industrial and Commercial venues



UFO LIGHTING INC
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Features

UL Listing: Suitable for wet locations

LEDs: Long-life, high-efficiency, surface mount LEDs

Lifespan: 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Drivers:

100W:

Constant current, 50/60 Hz., 120-277V, 0.83A @ 120V, 0.48A @ 208V, 0.42A @ 240V, 0.36A @ 277V;

150W:

Constant current, 50/60 Hz., 120-277V, 1.25A @ 120V, 0.72A @ 208V, 0.62A @ 240V, 0.54A @ 277V;

200W:

Constant current, 50/60 Hz., 120-277V, 1.67A @ 120V, 0.96A @ 208V, 0.83A @ 240V, 0.72A @ 277V;

240W:

Constant current, 50/60 Hz., 120-277V, 2.30A @ 120V, 1.16A @ 208V, 1.20A @ 240V, 0.88A @ 277V;

CCT: Vailable in 4000K, 5000K & 6000K color temperature per ANSI C78.377

Dimming: 0-10V dimming, Continuous

Reflector Options: white aluminum reflector available and PC reflector .

Finish: Black(standard)/Customerization.

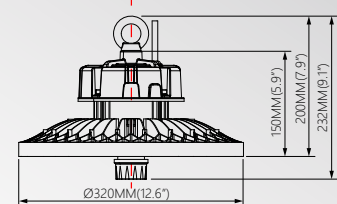
Housing: ADC12 die-cast aluminum



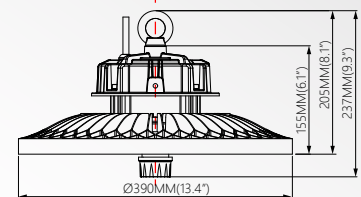
Dimension

Unit:MM/INCH

Hanging ring
Microwave Sensor(Options)

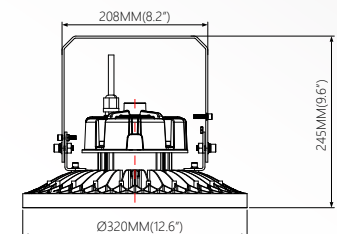


100W/150W/200W

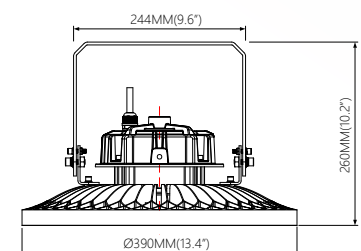


240W

U-Bracket(Options)



100W/150W/200W



240W



DATA SHEET

OPTICS	Input Power (W)	100W	150W	200W	240W
	Lumens Delivered @ 5000K	14,000lm	21,000lm	28,000lm	33,600lm
	Efficacy (lm/W)	>140lm/W			
	CRI	>80			
	IES LM-80 results and TM-21 calculations	>100,000 hours			
	CCT	Available in 4000K, 5000K & 6000K			
ELECTRICAL	Input Voltage	AC100-277V / AC120-347V ,50/60Hz			
	Max THD %	<10%			
	Power Factor	>95%			
PHYSICAL	Housing	ADC12 die-cast aluminum			
	Lens Tpye	PC			
	Weight(N.W.)	6.2KG(13.7LB)	6.2KG(13.7LB)	6.2KG(13.7LB)	8.2KG(18.1LB)
CERTIFICATION	Certification	UL listed, FCC,CE,RoHS,SAA			
	Environment	Wet location listed, IP65			
THERMAL	Operating Temperature	-40°F - 113°F (-40°C - 45°C)			
	Humidity	10% - 90% RH, non condensing			
QUALIFICATION	DesignLights Consortium	Listed on QPL DLC 5.1 Premium			
Surge Protection	Built-in 6kV surge protection				
Accessory	Ring bolt mounting accessory included with safety hanging kit				

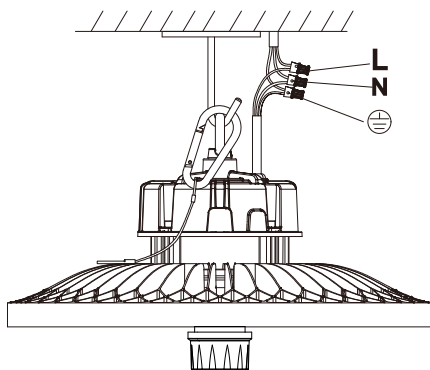
Ordering Guide

Model: HG-HL-ABCD-EFGH-IHKLM, For example: HG-HL-150WLD-50K8023-S4BKM

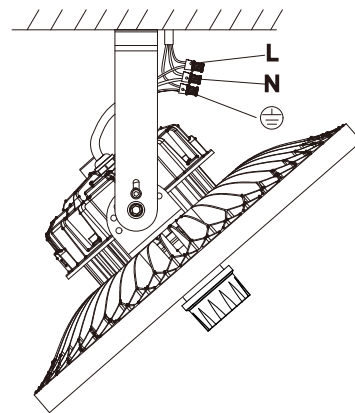
Electric Character				Optics Character				Physical Character				Smart Optional
A	B	C	D	E	F	G	H	I	J	K	L	M
Rated power	Input voltage	Driver brand	Dimming	CCT	CRI	LED CHIP	Beam Angle	Dimension	Color	Installation	Lens	Sensor
100W 150W 200W 240W	L-≤277V H-≥277V	Blank or 1-5	Blank-No dimmable D-Dimmable	40K-4000K 50K-5000K 60K-6000K	80-Ra80	1-10	3-110°	S4-D320mm L4-D390mm	BK-Black WH-White	Blank-Ring U-U-bracket	Blank-PC	Blank-No sensor M-Microwave Sensor



Installation diagram:

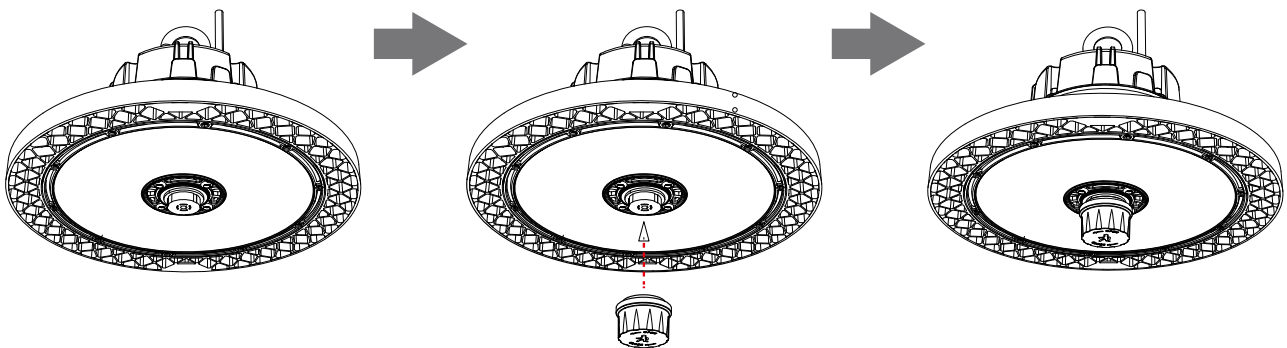


Hanging ring

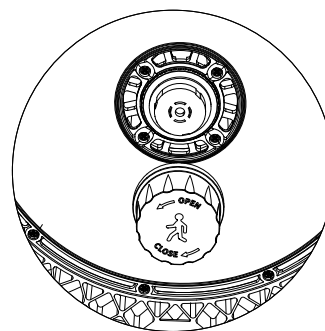
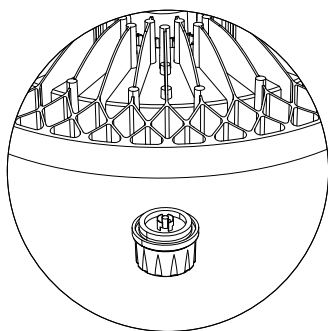
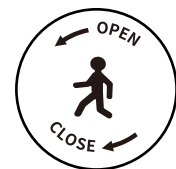


U-Bracket

Microwave Sensor (Installation Instruction)



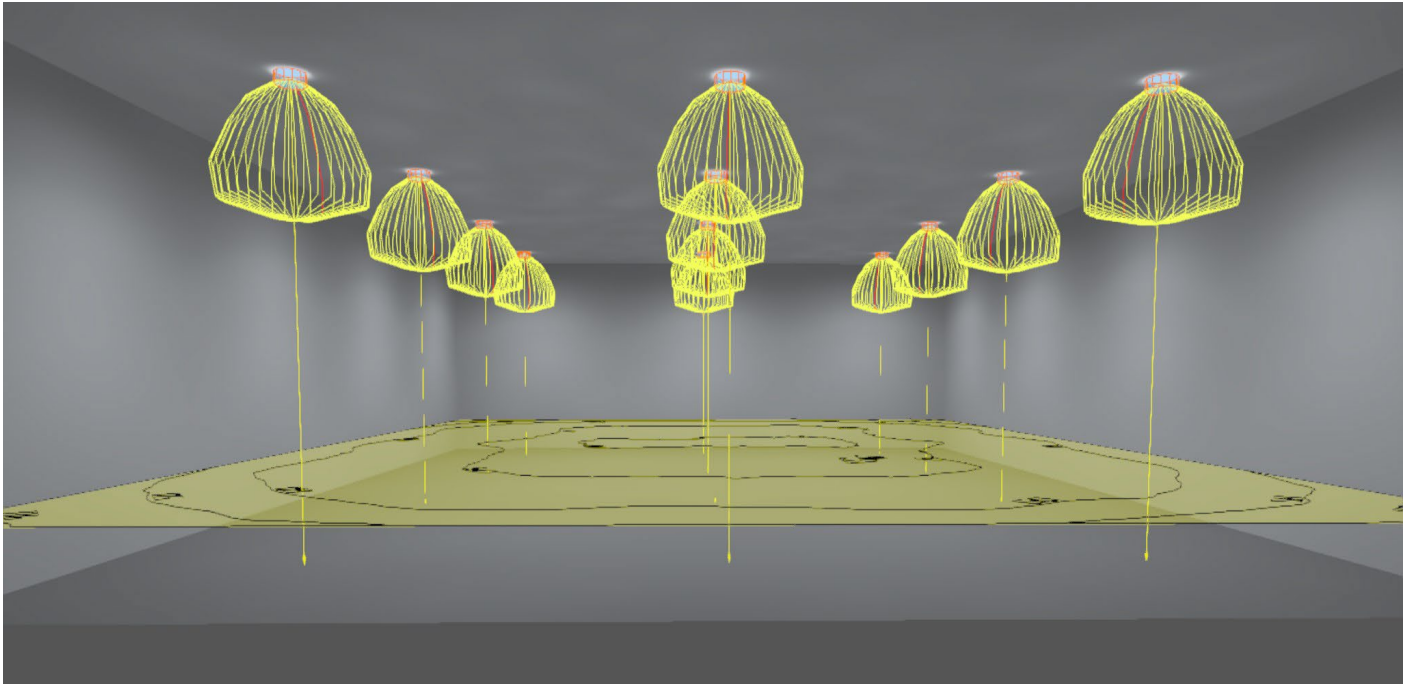
Rotate and install according to sensor
"OPEN、CLOSE" identifier



Optics

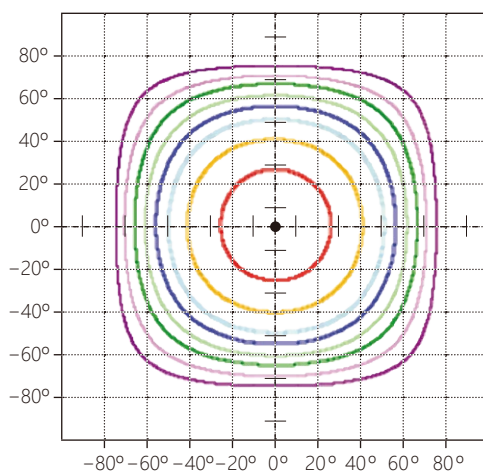
Tech.Support:

Tell us the room L,W and usage,we have an engineer team to respond the DIALUX for lights quantity and effects, IES files are available upon request.

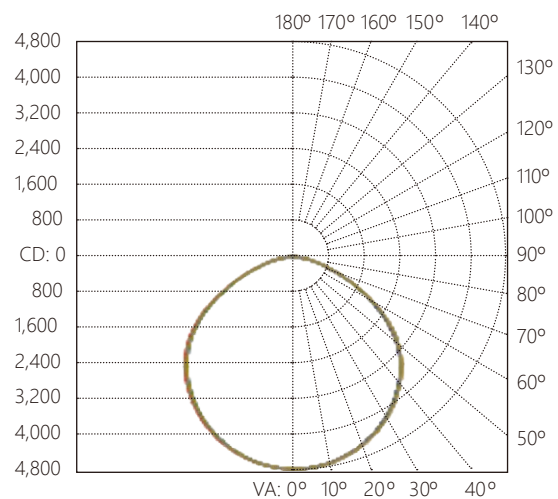


PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



Wiring Connection

Dimmer connection (Figure 1.)

1.Compatible with 0-10V dimming.

2.Connect wires as below.

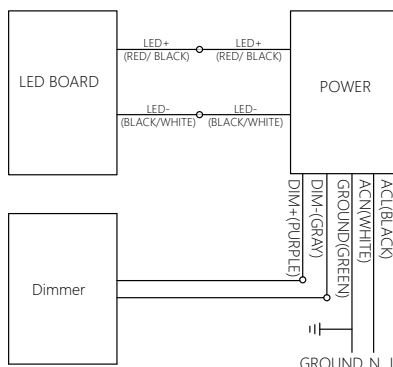


Figure 1.

With dimming microwave motion sensor

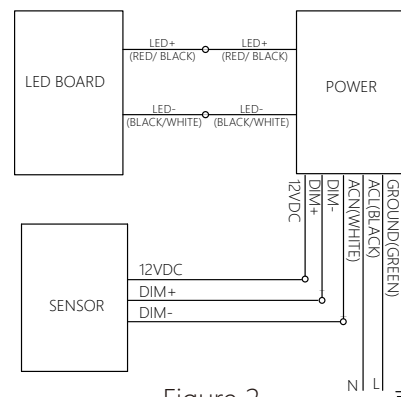


Figure 2.

With microwave motion sensor

Type	Package	
Model	100W/150W/200W	240W
Packing	Carton	Carton
Packing QTY	2pcs/CTN	2pcs/CTN
CTN SIZE	357x332x352 MM	402x358x422 MM
	14.1x13.1x13.9 INCH	15.8x14.1x16.6 INCH
N.W.	6.2KG/13.7LB	8.2KG/18.1LB
G.W.	7.1KG/15.7LB	9.2KG/20.3LB
20GP	612CTN	420CTN
40GP	1248CTN	861CTN
40HQ	1456CTN	1075CTN

