

CGT

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DIP Switch
Power + CCT



Sensor

S-Bay

Easy to Make Inventory Reserve

Model①: 80W/100W/120W
Model②: 100W/120W/150W
Model③: 150W/180W/200W
Model④: 180W/200W/240W
3CCT: 4000K-5000K-5700K

Power Selectable

CCT Selectable

DIY Built-in Sensor

- 2020 Private mold, unique design
- High Lumens Up to 150lm/w
- IP66 Wet Location
- Power and CCT selectable.
- Built-in Bi-Level Sensor
- High Quality driver
- 1-10V dimmable optional
- 5 Years warranty



Repair or replace product Freely in warranty



Visit designlights.org to see which models are DLC listed



ETL for USA
cETL for CANADA



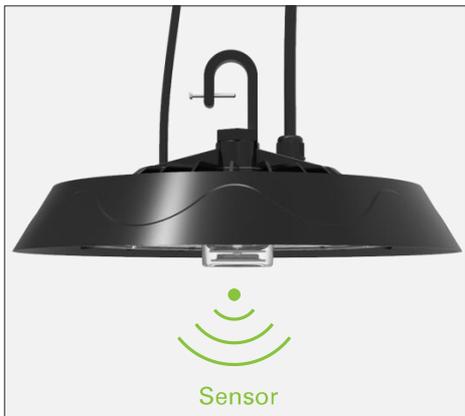
Patent design
Strong Aluminum Housing with good Heat Dissipation. IP66 Waterproof High Quality Driver.



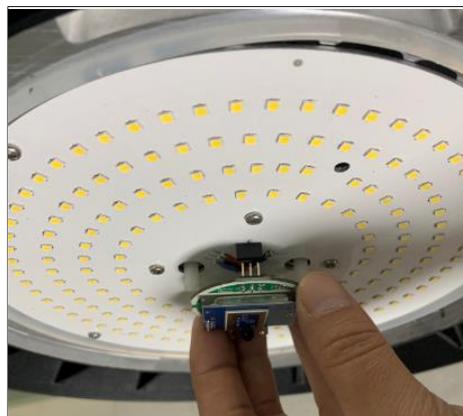
High luminous Efficacy
Up to 140-160lm/w
DLC Premium Lumileds (Philips) Chips
60° /90° /120° optional



Power and CCT Selectable
Easy to make inventory reserve
3-Power like 100W/120W/150W
3-CCT like 4000K-5000K-5700K



Bi-level Sensor optional
Built-in Sensor
Max Height 15m(50ft)



Assemble Sensor Easily
Assemble or remove Sensor Easily



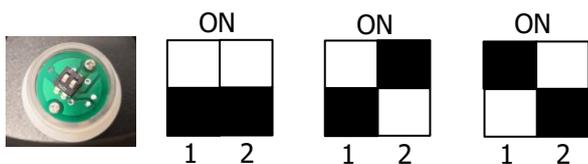
Remote Control Setting
One remote control can set the data for each lamp

Parameter

Model No.	HBS-100	HBS-150	HBS-200	HBS-240
Wattage(Selectable)	80W/100W/120W	100W/120W/150W	150W/180W/200W	180W/200W/240W
Luminous Efficacy	140lm/w @120W 145lm/w @100W 150lm/w @80W	140lm/w @150W 145lm/w @120W 150lm/w @ 100W	140lm/w @ 200W 145lm/w @ 180W 150lm/w @150W	140lm/w @ 240W 145lm/w @ 200W 150lm/w @180W
Lumens output	16800lm @120W 14500lm @100W 12000lm @80W	21000lm @150W 17400lm @120W 15000lm @100W	28000lm @240W 26100lm @120W 22500lm @100W	33600lm @240W 29000lm @200W 27000lm @150W
HID/MF Equivalent	250-400W	400-600W	800-1000W	800-1200W
Fixture Weight	1.8Kg(4.0lbs)	2.2Kg(4.9lbs)	3.6kg(8.0lbs)	3.6Kg(8.0lbs)
LEDs Brand	Lumileds (Philips) SMD3030			
CCT	3000K, 4000K, 5000K, 5700K or 3CCT Selectable			
CRI	70+ or 80+			
Beam Angle	60° , 90° ,120°			
Input Voltage	100-277 or 120-347Vac 50-60Hz			
Dimming	1-10V dimmable optional			
Power Factor	>0.95			
IP Rating	IP66 /Wet Location			
Working Temp.	-40° C ~ 50° C (-40° F~122° F)			
Storage Temp.	-40° C ~ 70° C (-40° F~158° F)			
Finish	Black or White			
Housing	Die-casting Aluminum			
Diffuser	PC Lens			
Installation	Hanging, Mounting			
Lifespan(>70)	>100,000 Hours			
Certification	ETL, cETL, DLC, CE, RoHs, CB, TUV-Mark, SAA			

Power Selectable

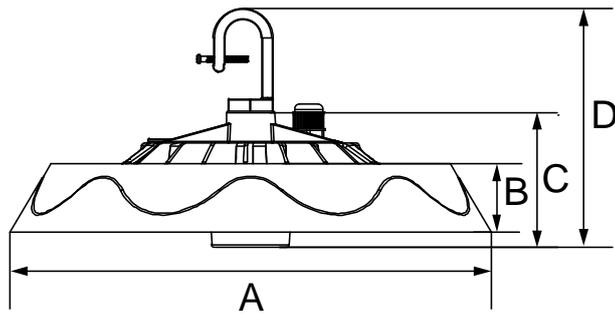
CCT Selectable



Model ①	120W	100W
80W		
Model ②	150W	120W
100W		
Model ③	200W	180W
150W		
Model ④	240W	200W
180W		

4000k	
5000k	
5700k	

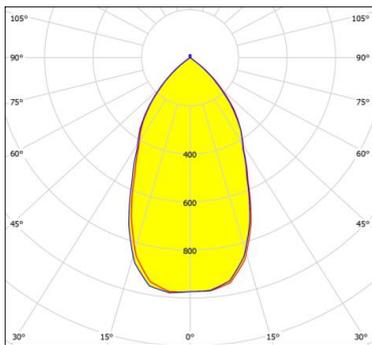
Dimension



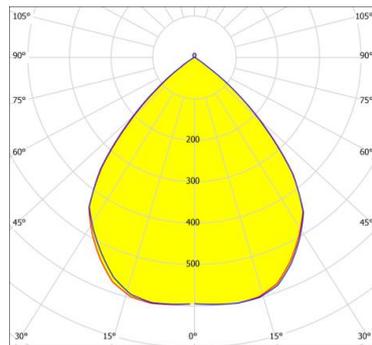
Unit: mm(inch)

Power	A	B	C	D
60/80/100W	268 (10.5")	43 (1.7")	90 (3.5")	150 (5.9")
100/120/150W	300 (11.8")	43 (1.7")	90 (3.5")	150 (5.9")
150/200/240W	337 (13.3")	43 (1.7")	102 (4")	166 (6.6")

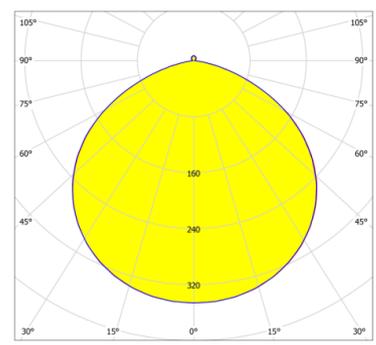
Photometric



60° Lens



90° Lens



120° Lens

Order Information

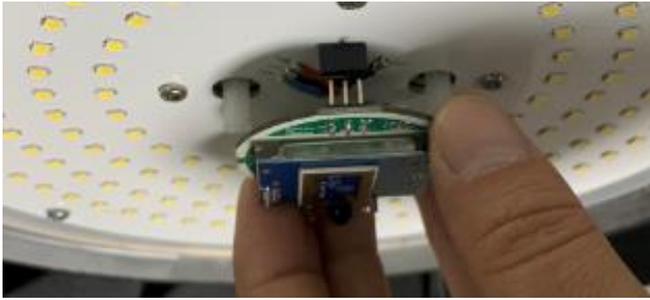
Sample: HBS-100-50K120D

	XXX	XXX	X
Product Family	CCT	Beam Angle	Function
HBS-100 = 80W/100W/120W	30K = 3000K	60 = 60° Lens	N = Non-Dim
HBS-150 = 100W/120W/150W	40K = 5000K	90 = 90° Lens	D = 1-10V dimmable
HBS-200 = 150W/180W/200W	50K = 5000K	120 = 120° Lens	S = Bi-level Sensor
HBS-240 = 180W/200W/240W	57K = 5700K		
	CCT = CCT Selectable		
In Standard	Options (add as Suffix)		Accessories (order Separately)
Black Finish	WH = White Finish (MOQ>1000pcs)		BK = Mounting Bracket
CRI>70	SV = Silvery Finish (MOQ>1000pcs)		SK = Handing Chain 1m
Voltage: 120-277Vac 50/60Hz	HV = 120-347V		
	Other customized		

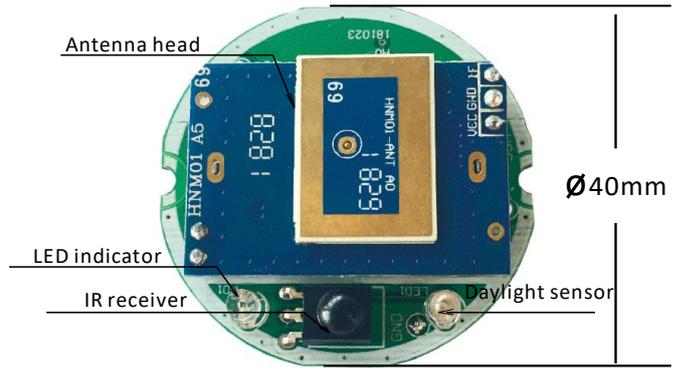
Package Information

ITEM	QTY/CTN	G. W.	CTN SIZE	CBM(m3)	20GP	40HQ
HBS-100	1pcs	2.2kg(4.9lb)	36x34x16.5cm	0.021	1647pcs	4000pcs
HBS-150	1pcs	2.6kg(5.8lb)	37x36.5x16.5cm	0.023	1120pcs	2720pcs
HBS-200	1pcs	3.9kg(8.6lb)	41x40.5x17.5cm	0.03	966pcs	2345pcs
HBS-240	1pcs	3.9kg(8.6lb)	41x40.5x17.5cm	0.03	966pcs	2345pcs

Sensor Function (Optional)



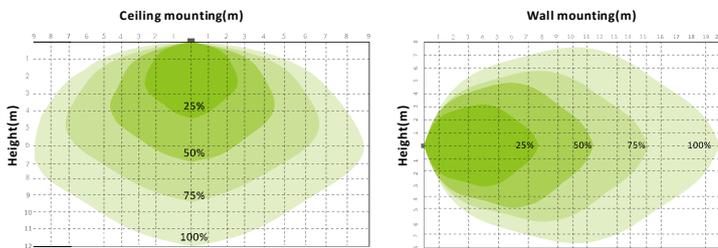
Open the PC lens, you can install the Sensor by yourself



Detection pattern

Typical installation height 12m (60ft)

This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.



Technical Data

Microwave Frequency	5.8Hz
Mounting Height	12m (60ft)
Sensitivity	25%/50%/75/100%
Daylight Sensor	2lux/10lux/25lux/50lux/100lux/300lux/Disable
Hold Time	30s/90s/5min/10min/30min
Twilight Time	10s/5min/10min/1h/ +∞
Twilight level	0%/10%/30%/50%

Factory default Setting:

Sensitivity: =100% Daylight sensor=disable Hold time=90s
 Twilight time=5min Twilight level=10%

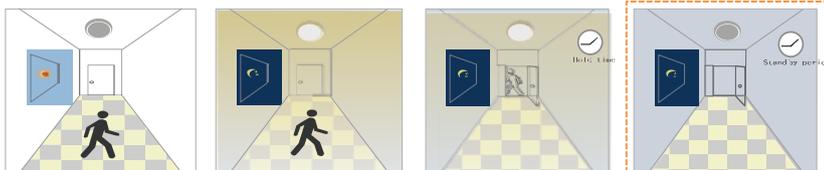
Automatically ON/OFF function:

When "twilight level" set at 0%, it becomes ON/OFF control. Light on when detect movement and off after people leave.



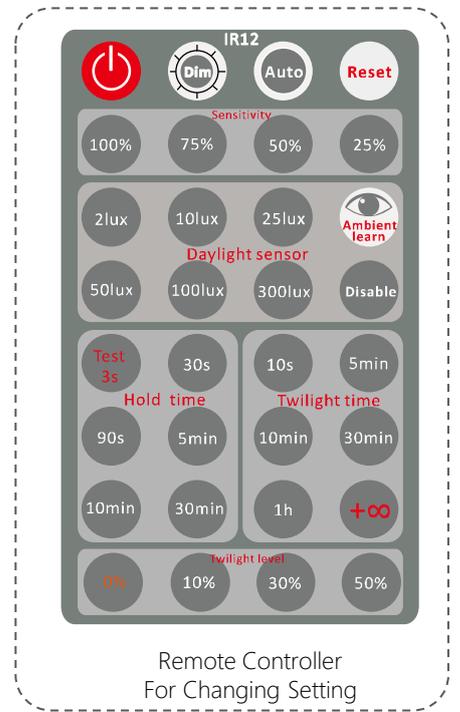
- ① With sufficient daylight, even when motion detected, light remains OFF.
- ② With insufficient daylight, when motion detected, light ON.
- ③ After the last detection and the present hold time elapsed, light OFF.

Bi-Level Dimmable Control function



- ① With sufficient daylight, even when motion detected, light remains OFF.
- ② With insufficient daylight, when motion detected, light ON.
- ③ After last detection, the light will be dimmed down to the stand-by dimming level (10%,20%,30% or 50%) after hold time.
- ④ After the stand-by period, light OFF.

(If Set "Twilight Time" = "+∞", light Will work on Twilight level ①, Don't OFF)



Remote Controller For Changing Setting