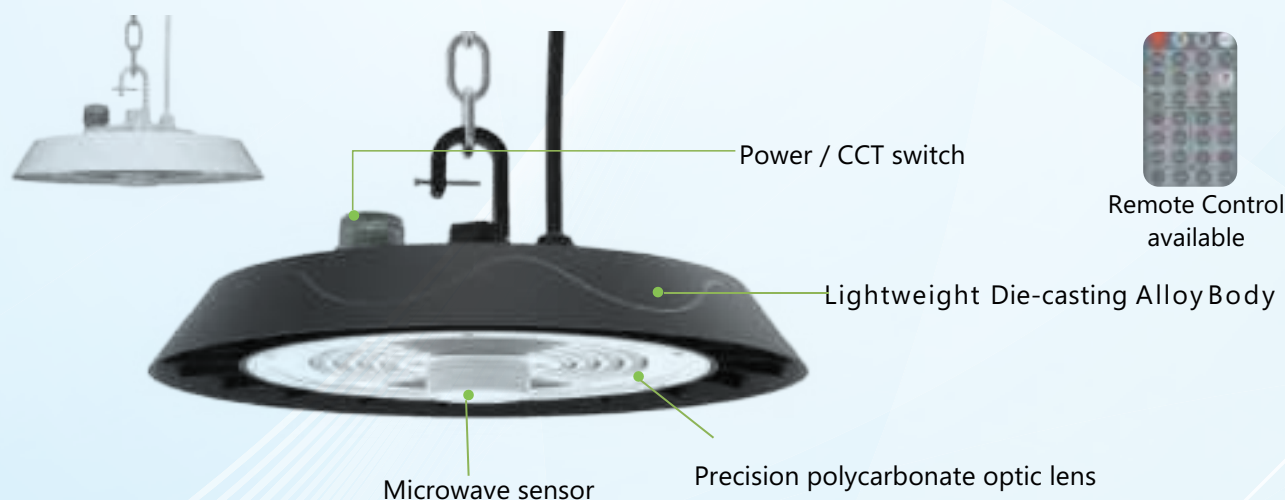


3 Power switchable wattages



LED High Efficiency Sensor Highbay

High Efficacy, Smart MW Sensor & Energy Efficient



PRODUCT FEATURES





- White / Black color
- 1 CCT&3 power / 3 CCT&3 power tunable
- Wide choice of power- 80W, 100W, 120W, 150W, 180W, 200W, 240W
- Philips High efficacy LED
- 5.8GHz Remote controlled motion & daylight microwave sensor (plug-in type) - 12m range
- Low mass die-cast aluminium alloy body
- Rapid dissipation heat-sink
- Polycarbonate optic lens with 60° 90° 120° beam angle
- IP65 Ingress / weather protection
- 1.5m Flex and Plug pre-wired

CUSTOMER BENEFITS

- Convenient to prepare the inventory, then save cost and warehouse space.
- Sharp focused light yet low glare lighting over a long life span of > 54,000 Hours
- Maximum reduction in energy consumption
- No replacement lamp or maintenance costs
- Sensor adjustment with remote from ground level


CONTRACTOR BENEFITS

- Quick and easy installation
- Light Weight for easy handling and installation
- No heights to scale or scissor-lifts to adjust the dimming levels or sensor setting (remote controlled from ground level)
- Enhanced Energy Savings incentive benefits with smart controls

Power Factor	Colour Temperature	Power	Light Efficacy	Beam Angle	Temperature Range	Operating Humidity	Ingress Protection	Colour Rendering	Operating Life
 0.95	3 CCT Tunable	3 Watt Tunable	 ~ 130 LM/W	60° 90° 120°	- 20° c 50° c	 < 95%	IP 65	80	 > 54,000

Part Number	HL-HB23SX	HL-HB23MX	HL-HB23LX
Wattage	80W-100W-120W	100W-120W-150W	180W-200W-240W
Luminous Efficacy	130lm/w		
CCT	3000K/4000K/5000K/5700K or 3 CCT Tunable		

CCT/Power Switch Setting

Switch	Small heatsink			Middle heatsink			Large heatsink		
	4000K 5000K 5700K			4000K 5000K 5700K			4000K 5000K 5700K		
	ON ON ON			ON ON ON			ON ON ON		
	1 2 1 2 1 2			1 2 1 2 1 2			1 2 1 2 1 2		
	120W 80W 100W			150W 100W 120W			240W 180W 200W		

Sensor Specifications



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

Detection Pattern

Typical installation height 12m

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

Technical Data

Microwave Frequency	5.8Hz
Mounting Height	12m
Sensitivity	25%/50%/75%/100%
Daylight sensor	50lux/100lux/300lux/Disable
Hold time	30s/90s/5min/10min/30min
Twilight time	10s/5min/10min/30min/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.

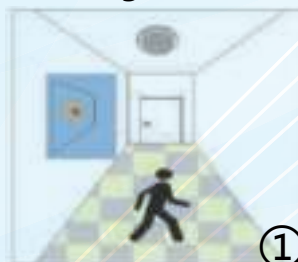


② With insufficient daylight, when motion detected, light ON.



③ After the last detection and the present hold time elapsed, light OFF.

Dimming function:



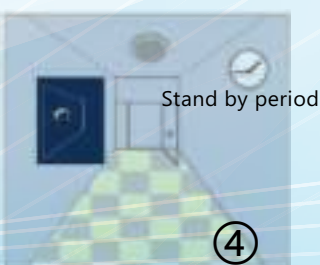
① With sufficient daylight, even when motion detected, light remains OFF.



② With insufficient daylight, when motion detected, light ON.



③ After the last detection, the light will be dimmed down to the stand-by dimming level (10%,30%,50%) after hold time



④ After the stand-by period, light OFF.
(If set "twilight Time="+∞", light will work on Twilight level ③, Don't OFF)