

Specifications - HB43 Swirl LED High Bay

Version: 3.0



Description

Swirl has an exquisite and compact design, as like butterfly spreading wings to dancing. Die-casting robust housing with anti-corrosion surface treatment and ingenious air cross-ventilation structure design support superior heat dissipation conditions to ensure a long lifespan. With the zoomable optic design, 60°/85°/100° are changeable through simple rotation on optics. No need to change the lens anymore. One model in stock means 3 solutions in hand.

Key Features

- Adjustable light distributions for different project needs
- Lumen output selectable, one fixture for four wattage.
- Compatible with PIR & Microwave motion sensor
- Large size heat sink helps the body better heat dissipation
- PC and ALU Reflectors are available.

Applications

- Warehouse
- Industrial Facility
- Exhibition Center
- Shopping Mall
- Gymnasium
- Airport
- Toll Station and so on.

* Lumen output and light distribution are only for reference. Not all product variations listed on this page are DLC Standard/Premium qualified. Visit www.designlights.org/search to confirm qualification.

Electrical Information

Model No.	HB43-150	HB43-200
Power Consumption(±5%)	150W-120W-100W-80W Adjustable	200W-150W-120W-100W Adjustable
Power Supply	Lifud	
Input Voltage	100-277 VAC, 50 / 60 Hz	
Power Factor	>0.95	
Surge Protection	4kV line-line, 6kV line-earth	
Driver Type	Constant Current (CC)	
Control	Dimmable and Non-dimmable PIR Sensor, Microwave Motion Sensor	

Optic Information

LED Type	LED 3030	
Luminous Flux (±10%)	22500lm	30000lm
Efficacy(5000K Ra70)	150lm/W	
Correlated Color Temperature	5000K (4000K optional)	
Color Rendering Index	Ra80	
Beam Angle	H00130 (Wide/Medium/Narrow adjustable)	
UGR level	28	

Dimensions and Mount

Product Dimension	φ320×167mm (φ12.60" x6.57")
Luminaire Net Weight	3.0± 0.3kg (6.61 ± 0.66Lbs)
Export Carton Size	380x380x225mm (14.96" x14.96" x 8.86")
Gross Weight	4.2±0.3kg (9.92±0.66Lbs)
Mounting Option	Loop Hanging Ceiling Mounting
Material	Aluminum Alloy Polycarbonate Optical Lens
Finish	Powder Coating
Fixture Color	Black
EPA	NA
IK Rating	IK07
IP Rating	IP42

Lifespan and Warranty

Operating Temperature	Normal : -30°C to + 50°C(-22°F to 122°F) Sensor version : 0°C to + 50°C(32°F to 122°F)
Life Time of LED @Ta=25°C	80000 hrs-L80 127000 hrs-L70
Warranty	5 Years

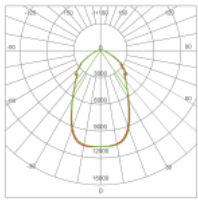
New Features

* **Please consult us for details.**

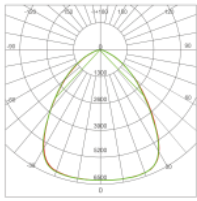
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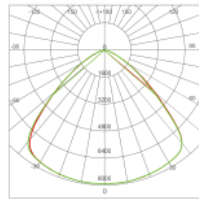
Photometry



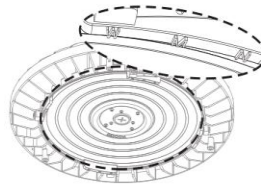
H00130(Narrow)



H00130 (Medium)



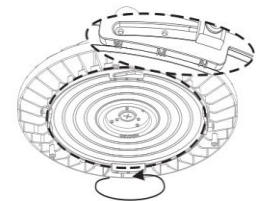
H00130 (Wide)



W-Wide beam

M-Medium beam

N-Narrow beam



Mounting Options

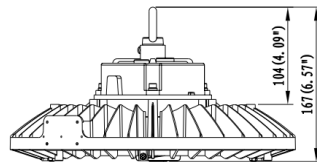
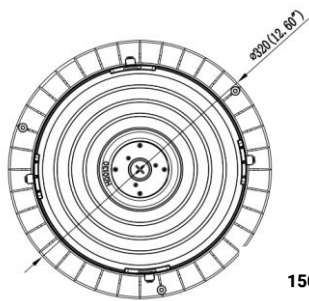


Loop hanging



Ceiling mounting

Dimensions(Unit: mm/inch)



150 / 200W (without sensor)

Accessories



Aluminium reflectors

Different beam angle, anti glare effect, black/silvery color options.

Code: H00D02 (90°)

Code: H00D04 (110°)

Code: H00D03 (65°)



PIR sensor

12Vdc input, IP65 rating, max detect height is 15m.



PC reflector

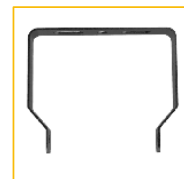
90° PC reflector with lid.

Code: H00C01A+H00C01B (90°)



Microwave motion sensor

12Vdc input, IP65 rating, max detect height is 15m.



Non adjustable bracket

SPCC materials with outdoor powder coating.



Remote controller

For motion sensor and PIR sensor.



±45° adjustable bracket

SPCC materials with outdoor powder coating.

Code: BC-H12-01



Safety chain

304 stainless steel, available for 0.25m, 1m, 1.5m and 5m long.

Code: SC-H01-01a

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