



Electrical Information				
Model No.	HB-100F1	HB-120F1	HB-150F1	HB-200F1
Power Consumption(±5%)	100W	120W	150W	200W
Power Supply	MEAN WELL			
Input Voltage	100-240 VAC, 50 / 60 Hz			
Power Factor	>0.92			
Surge Protection	2kV line-line, 4kV line-earth			
Driver Type	Constant Current (CC)			
Control	dimmable, DALI, Daylight Sensor, Microwave Sensor, PIR Sensor			
	Zigbee Wireless Control			

Optic Information				
LED Type	LED 3030			
Luminous Flux (±10%)	14000lm	16800lm	21000lm	28000lm
Efficacy(@ 5000K Ra70)	140lm/W			
Correlated Color Temperature	5000K (3000K, 4000K optional)			
Color Rendering Index	Ra70 (Ra80 optional)			
Beam Angle	H00A02, H00B03, H00B04, H25201, H25202, H25203			
UGR level	25			

Description

HB-F1 LED highbay is specially design for food processing applications. The lamp body is arched perfectly which makes not only aesthetic but also dust-proof and easy to clean. At the basis of highly efficient heat dissipation solution, our design concept is "unibody", which lead the way in high bay lights.

Key Features

- 140lm/W or 160lm/W
- With IP69K protection level, you can flush the light frequently
- NSF certificate approved, used in a food processing plant.
- The product have an anti impact grade of IK10.
- The screw are hidden to prevent dust and moisture.
- Easy to Clean
- Covered by high transmittance PC instead of glass, to prevent debris falling to enhance the food safety.

Applications

- Food Processing Plant
- Warehouse
- Factory
- Pharmaceutical Manufacturing Facilities
- Chemical Facilities
- Beverage Processing
- Poultry and Meat Processing
- Pet-food Production
- Grain and Sugar Production

Dimensions and Mount

Product Dimension	φ489x200mm
Luminaire Net Weight	7.2±0.3kg
Export Carton Size	560x260x565mm
Gross Weight	9.3±0.3kg
Mounting Option	Loop Mounting
	Ceiling Mounting, Pipe Mounting
Material	Aluminum Alloy
	Polycarbonate Optical Lens
Finish	Powder Coating
Fixture Color	Grey/White
EPA	NA
IK Rating	IK08, IK10
IP Rating	IP66

Lifespan and Warranty

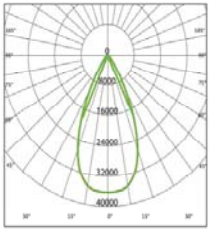
Operating Temperature	-30°C to + 50°C
Life Time of LED @ Ta=25°C	70000hrs-L90
	152000hrs-L80
	244000hrs-L70
Warranty	3 Years

New Features

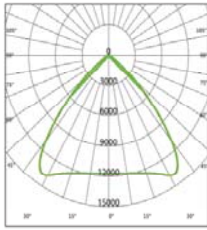
- UGR<19 with honeycomb diffuser available (for 100W-150W only).
- Working ambient temperatures 60°C, DC cable between driver and light 20m
- HB06-200 external emergency driver 10W 3hrs
- HB06 45degree adjustable bracket

** Please consult us for details.*

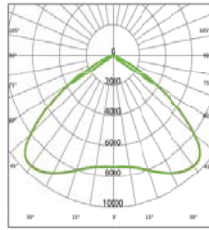
Photometry



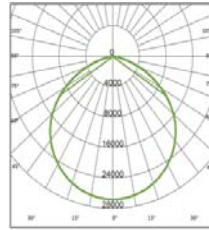
H25203



H25202



H25201



H00A02 / H00B03 / H00B04

Mounting Options



Loop mounting

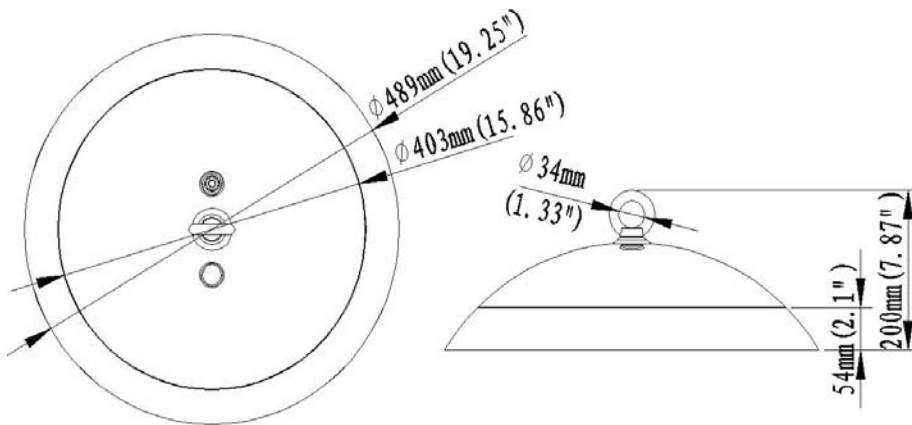


Ceiling mounting



Pipe mounting

Dimensions



100W-200W

Accessories



Optic lens

High transmittance PC materials, UV test approval.

Code: please refer to **Photometry** for different beam angle.



Aluminium reflectors

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

Code: H00D02 (90°)

Code: H00D04 (110°)

Code: H00D03 (65°)