Description

High Bay Plus is a breakthrough in industrial lighting.
The smooth housing is NSF certified and suitable for
wash-down with high pressure water jets.
The highly e cient heat dissipation combines performance
with function due to the uni-body design.The fixture
housing is arched to permit water and dust to easily be
removed. The design concept is unibody, which adds to
the aesthetic simplicity of design, while allowing for the
maximum heat dissipation, which translates to great
efficacy and performance.

Key Features

- 135lm/W or 155lm/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

Electrical Information

Model No.	HB10-100	HB10-120	HB10-150	HB10-200
Power Consumption (±5%)	100W	120W	150W	200W
Power Supply	SOSEN			
Input Voltage	120-277 VAC,277-480VAC , 50 / 60 Hz			120-277 VAC, 50 / 60 Hz
Power Factor	>0.92			
Surge Protection	6kV line-line,10kV line-earth			
Driver Type	Constant Current (CC)			
Control	1-10V dimmable			

Optic Information

LED Type		LED 3030			
Luminous Flux (ffl10%)	135lm/W	13500lm	16200lm	20250lm	27000lm
	155lm/W	15500lm	18600lm	23250lm	31000lm
Efficacy(@5000K Ra80)		135lm/W ,155lm/W options			
Correlated Color Temperature		5000K , 4000K			
Color Rendering Index		Ra80			
Beam Angle		H00A02, H00B03, H00B04, H25201, H25202, H25203, H53201, H53202, H53203, H53204			
UGR level		25			

Dimensions and Mount

Product Dimension	φ489×200mm (φ19.25" x 7.87")
Luminaire Net Weight	7.2±0.3kg(15.87±0.66Lbs)
Export Carton Size	560x260x565mm(22.05"×10.24"×22.24")
Gross Weight	9.3±0.3kg(20.4±0.66Lbs)
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(Glass) IK10(PC Lens)
IP Rating	IP66
Category of corrosion	C3

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C(-22°F to 122°F)
Life Time of LED @Ta=25°C	70000hrs-L90
	152000hrs-L80
	244000hrs-L70
Warranty	5 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

* Lumen ouput 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.

Photometry

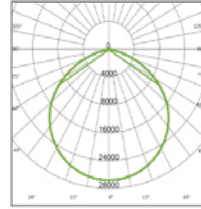**135lm/W (100W-200W) & 155lm/W (100W)**
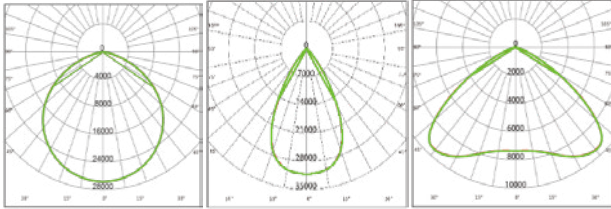
S25203
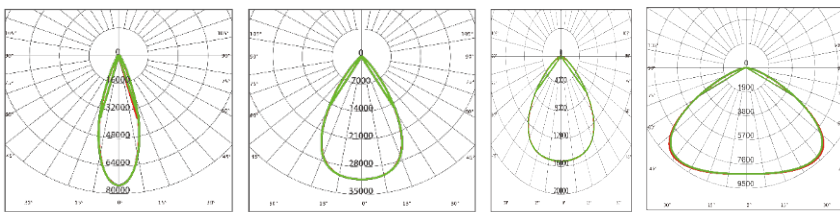

S25202

S25201

135lm/W & 155lm/W (100W-200W)

S00A02 / S00B02 / S00B04

155lm/W (120W-200W)

S53203

S53202

S53201
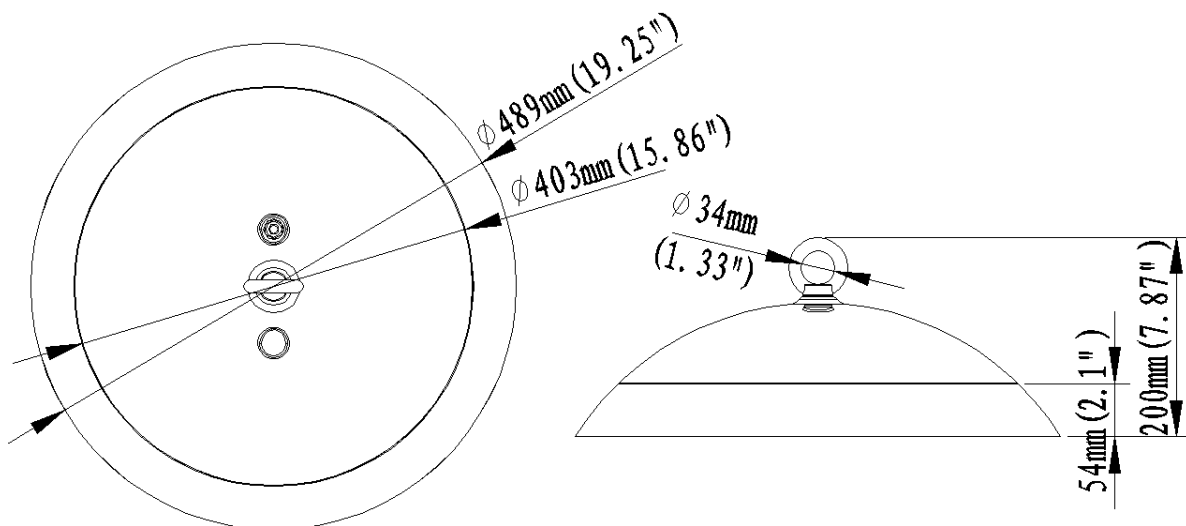

S53204

Mounting Options
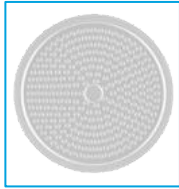

Loop mounting

Ceiling mounting

Pipe mounting

Dimensions

Ø489mm (19.25")
Ø403mm (15.86")
Ø34mm (1.33")
200mm (7.87")
54mm (2.1")

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.

Ceiling mount bracket
SPCC materials with outdoor powder coating, Non adjustable.

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

PC reflector
90° PC reflector with lid.