

Ibrite LED Highbay Prime A06 Series



Highlights:

- Compact design for four sizes.
- Full wattage 100w, 120w, 150w, 200w.
- Up to 150lm/W.
- Multiple beam angle: 50°, 60°, 90°, 120°.
- Multiple installations: loop mounting, ceiling mounting, pipe mounting.
- With IP69K protection level, you can flush the light frequently.
- HACCP and NSF certificate approved, used in a food processing plant.
- 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.

Application Areas:

- Food processing plant
- Warehouse
- Factory
- Pharmaceutical manufacturing facilities
- Chemical Facilities
- Beverage processing
- Poultry and meat processing
- Pet-food production
- Grain and sugar production



Specifications:



Model No.	IBPA06-100	IBPA06-120	IBPA06-150	IBPA06-200
Electrical Information				
Power Consumption (W) +/- 10%	100	120	150	200
Input Voltage	120-277VAC, 50 / 60 Hz			
Power Factor	≥ 0.95			
Surge Protection	6kV line-line, 10kV line-earth			
Driver Type	Constant Current (CC)			
Control	On/Off (default)			
	0-10V, DALI Dimming (optional)			
Optic Information				
LED Type	LED 2835			
Luminous Flux (lm) +/- 10%	15500	18600	23250	31000
Efficacy (lm/w)	155 lm/W			
Beam Angle	60°, 90°, 120°			50°, 90°, 120°
Correlated Color Temperature	5700K (3000K, 4000K optional)			
Color Rendering Index	Ra80			

Specifications:



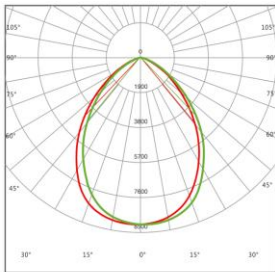
Model No.	IBPA06-100	IBPA06-120	IBPA06-150	IBPA06-200
Dimensions and Mount				
Product Dimension (mm)	Ø380*163			Ø489*200
Luminaire Net Weight (±0.3kg)	4.5			6.9
Export Carton Size (mm)	460*460*200			565*565*240
Gross Weight (±0.3kg)	6.6			10
Mounting Option	Loop mounting			
	Ceiling mounting/Pipe mounting			
Materials	Aluminum alloy			
	Tempered glass or polycarbonate optical lens			
Finish	Powder coating			
Fixture Color	Grey (RAL9006)			
IK Rating	IK08(Glass), IK10(PC Lens)			
IP Rating	IP66			

* The tolerance for weight is ±6%.

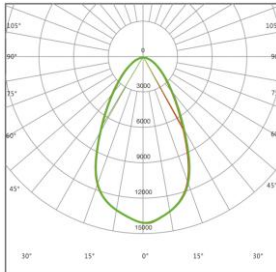
Lifespan	
Operating Temperature (°C)	-30 to +50 (120-200Vac@Ta=45)
Life Time of LED @Ta=25°C (hours)	L80 – 64000 L70 – 101000

Photometric Diagrams

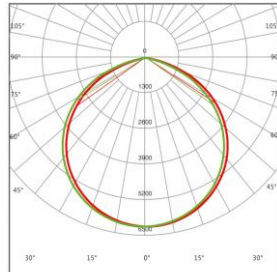
100W/120W/150W beam angle



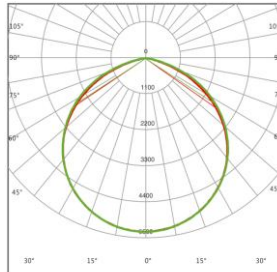
90° PC Lens



60° PC Lens

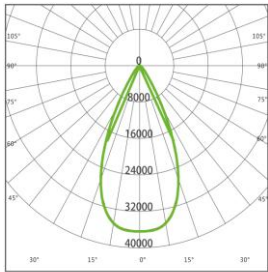


120° Tempered Glass

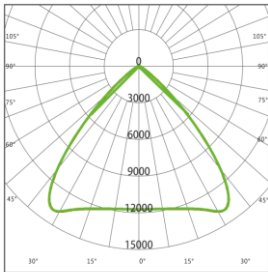


120° Clear PC

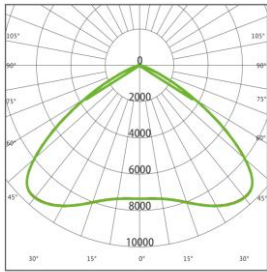
200W beam angle



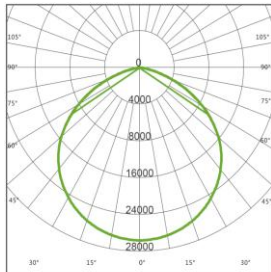
50° PC Lens



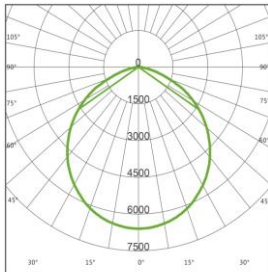
90° PC Lens



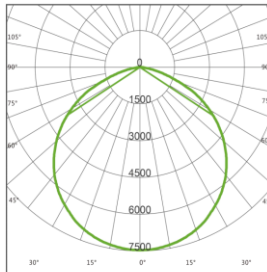
120° PC Lens



120° Tempered Glass



120° Clear PC



120° Milky PC

Mounting Options



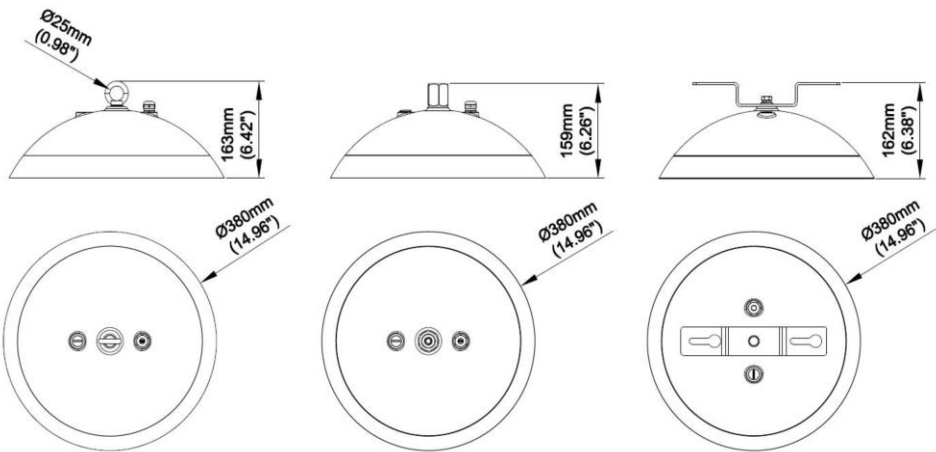
Ceiling mounting



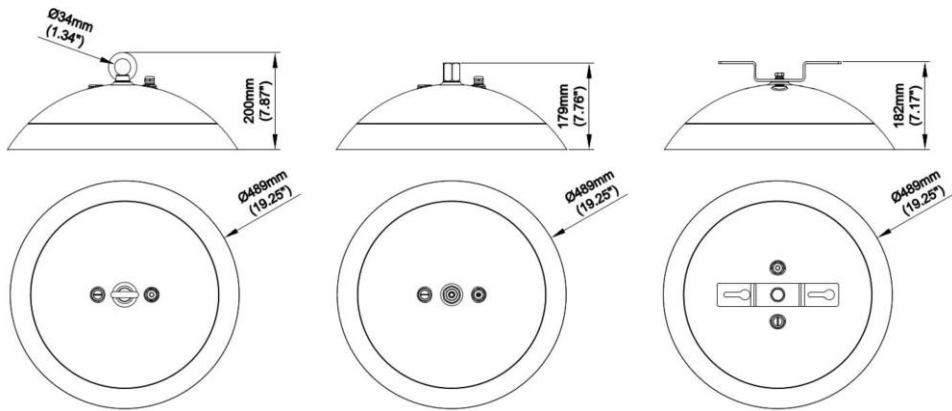
Pipe mounting

Dimensions

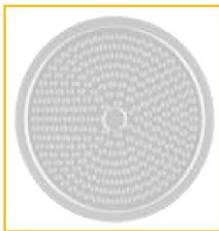
100W/120W/150W



200W



Accessories (optional)



Optic lens
200W
High transmittance PC materials,
UV test approval.



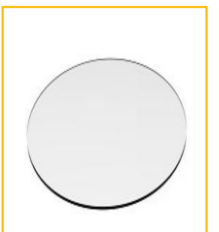
Optic lens
100W/120W/150W
High transmittance PC materials,
UV test approval.



PC reflector
200W
90° PC reflector with lid.



Aluminium reflectors
200W
Different beam angle, anti glare
effect, black/silvery color
options.



**Tempered Glass/
PC(120°)**
Different beam angle,
anti glare effect,
black/silvery color
options.



Surface Mount Bracket
SPCC
260*41*50mm



Safety chain
Stainless steel,
available for 0.5m long.

Edition

Data is subject to change without notice.
Please contact us for detailed information.

Release Date	Issuance of Category
2025.10.01	The 1st. Version