

Ibrite LED Highbay Prime A70 Series



CE RoHS

Highlights:

- Compact design for three sizes.
- Power Selectable.
- 140lm/W and 175lm/W optional.
- Multiple installations: loop hanging, ceiling mounting.
- Multiple beam angle: 60°, 90°, 120°.
- Intelligent control: Twist microwave motion sensor and PIR sensor, 0-10V dimmable.
- PC and ALU reflector are optional.

Application Areas:

- Indoor ceiling application
- Warehouse
- Factory
- Industrial facility
- Chemical Facilities
- Exhibition centers



Specifications:



Model No.	IBPA70-100/PJ	IBPA70-150/PJ	IBPA70-200/PJ
Electrical Information			
Power Consumption (W) +/- 10%	100/80/60W (Selectable)	150/120/90W (Selectable)	200/160/120W (Selectable)
Input Voltage	220-240VAC, 50 / 60 Hz		
Power Factor	> 0.94		
Surge Protection	6kV line-line, 6kV line-earth		
Driver Type	Constant Current (CC)		
Control	0-10V dimmable		
	Microwave motion sensor, PIR sensor, Casambi		
Optic Information			
LED Type	LED 2835		
Luminous Flux (lm) +/-10%	14000	21000	28000
Efficacy (lm/w)	140 lm/W		
Luminous Flux (lm) +/-10%	17500	26250	35000
Efficacy (lm/w)	175 lm/W		
Beam Angle	60°, 90°, 120°		
Correlated Color Temperature	5000K (3000K, 4000K optional)		
Color Rendering Index	Ra80		

Specifications:



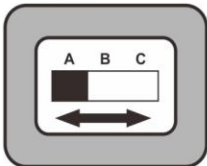
Model No.	IBPA70-100/PJ	IBPA70-150/PJ	IBPA70-200/PJ
Dimensions and Mount			
Product Dimension (mm)	Ø290*167		
Luminaire Net Weight (±0.3kg)	1.9		
Export Carton Size (mm)	295*295*155		
Gross Weight (kg)	2.5		
Mounting Option	Loop hanging		
	Ceiling mounting		
Materials	Aluminum alloy		
	Polycarbonate optical lens		
Finish	Powder coating		
Fixture Color	Black (RAL9017)		
IK Rating	IK08		
IP Rating	IP65		

* The tolerance for weight is ±6%.

Lifespan		
Operating Temperature (°C)	-30 to +50	-30 to +45
Life Time of LED @Ta=25°C (hours)	L90 – 38000 L80 – 80000 L70 – 128000	

Power Selectable

Power Selectable

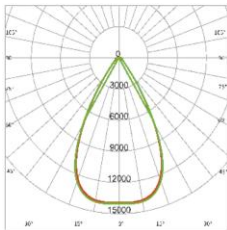


Power Percentage	200W	150W	100W
100%	200W	150W	100W
80%	160W	120W	80W
60%	120W	90W	60W

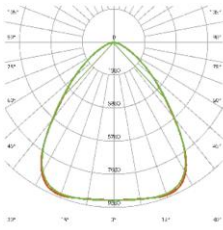
A: 100% B: 80% C: 60% * The tolerance for power is $\pm 10\%$

Photometric Diagrams

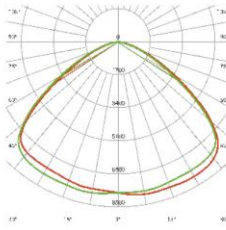
100W – 200W beam angle



60°



90°



120°

Mounting Options



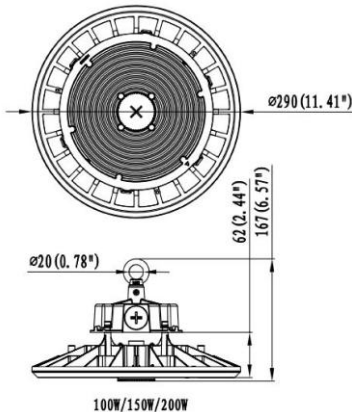
Loop hanging



Ceiling mounting

Dimensions

Unit: mm/inch



Accessories (optional)



PC reflector
90° PC reflector with lid
100-200W



Aluminum reflector
90° AL reflector
100-200W
Black



Safety chain
201 stainless steel,
available for 0.5m long.



± 30° adjustable bracket
SPCC materials with outdoor
powder coating.
Black



PIR sensor
PC
Φ61.4*28mm
3pin



Microwave motion sensor
PC
Φ52*20mm
3pin



**CASAMBI ready
wireless module**
PC
Φ52*20mm
3pin



Remote controller
For PIR sensor / Microwave
motion sensor

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