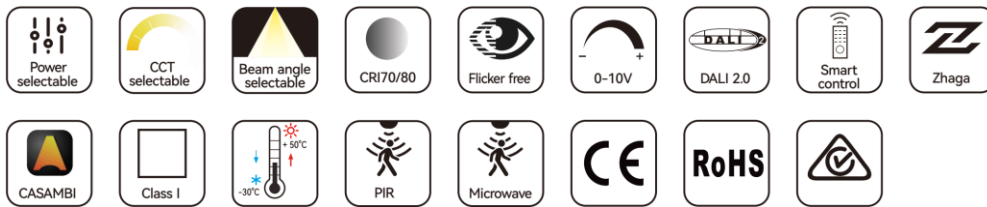


Ibrite LED Highbay Prime A98 Series



Highlights:

- High luminous efficacy up to 170lm/W.
- Flicker-free.
- Dip Switch for power, CCT, beam angle selectable.
- IP65/IK08.
- Smart Sensors compatibility.
- Dimming: 0-10V, DALI.



Application Areas:

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



Specifications:



Model No.	IBPA98-100/CPS	IBPA98-150/CPS	IBPA98-200/CPS
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	> 0.95		
Surge Protection	L-N: 6KV, L/N-E: 6KV		
Driver Type	Constant Current (CC)		
Control	ON-OFF		
	Optional: 0-10V / DALI 2.0 dimmable, Microwave motion sensor, PIR sensor, Casambi		
Optic Information			
LED Type	LED 2835		
Luminous Flux (lm) +/-10%	14000	21000	28000
General luminous efficacy (lm/w)	170 lm/W @ 4000K & 85° to 3000K+4000K+5000K 170 lm/W @ 5000K & 85° to 4000K+5000K+6500K		
Correlated Color Temperature	3-CCT: 3000K+4000K+5000K / 4000K+5000K+6500K (Selectable)		
Luminous Flux (lm) +/-10%	100W: 15800-16900 60W: 10100-10400	150W: 23700-25500 90W: 15200-15800	200W: 31500-34000 120W: 20500-21300
Beam Angle	70°/85°/115° (Selectable)	70°/85°/115° (Selectable)	70°/85°/115° (Selectable)
Color Rendering Index	Ra80		

Specifications:



Model No.	IBPA98-100/CPS	IBPA98-150/CPS	IBPA98-200/CPS
Dimensions and Mount			
Product Dimension (mm)	Ø220*160 Ø220*173 (with sensor)	Ø264*160 Ø264*173 (with sensor)	Ø300*160 Ø300*160 (with sensor)
Luminaire Net Weight (±0.3kg)	1.6	1.9	2.1
Export Carton Size (mm)	240*240*160 240*240*190 (with sensor)	285*285*165 285*285*195 (with sensor)	320*320*170 320*320*200 (with sensor)
Gross Weight (kg)	2.2	2.5	2.7
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%.

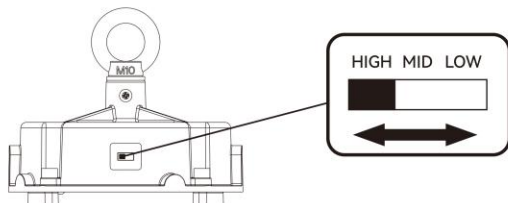
Lifespan	
Operating Temperature (°C)	-30 to +50
Life Time of LED @Ta=25°C (hours)	L90 – 72300 L80 – 183500 L70 – 276000

Power, CCT and Beam angle selectable:

Factory set: 100% brightness, 5000K(3000K+4000K+5000K)/6500K(4000K+5000K+6500K), 85°

Power Selectable

Zhaga receptacle / ON-OFF

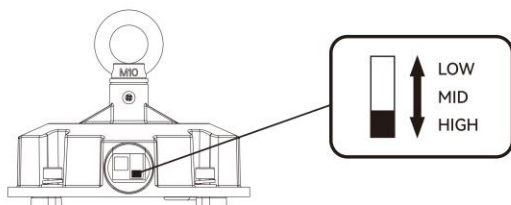


HIGH: 100% MID: 80% LOW: 60%

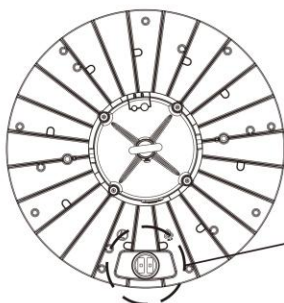
Power Percentage \	200W	150W	100W
HIGH	200W	150W	100W
MID	160W	120W	80W
LOW	120W	90W	60W

* The tolerance for power is $\pm 10\%$

DALI



CCT & Beam Angle Selectable



Option 1

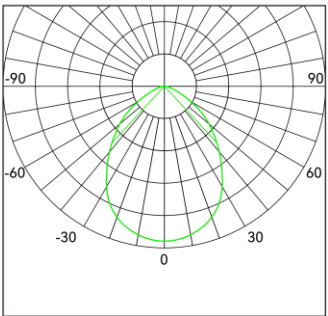
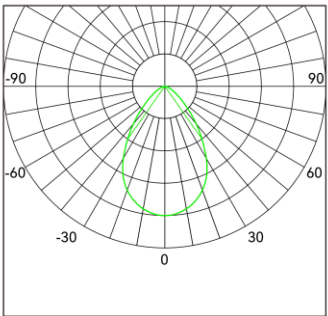
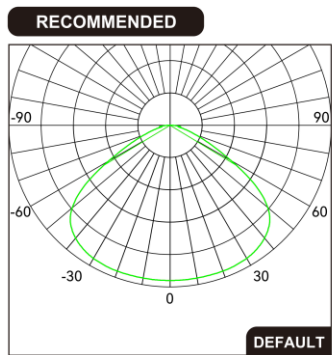
CCT	Beam Angle
3000K	70°
4000K	85°
5000K	115°

Option 2

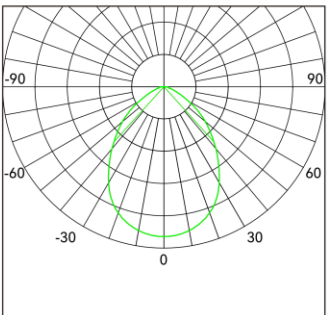
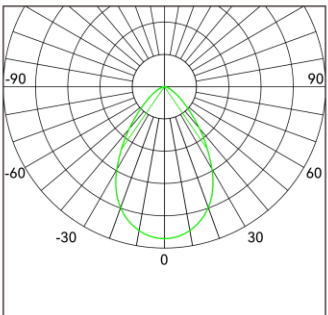
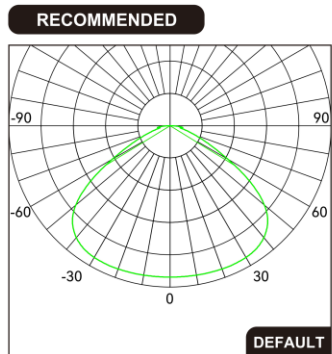
CCT	Beam Angle
4000K	70°
5000K	85°
6500K	115°

Photometric Diagrams

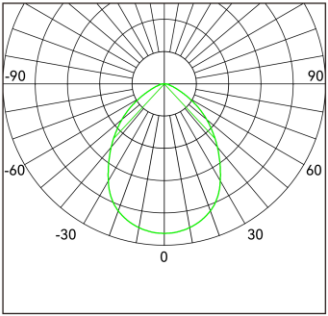
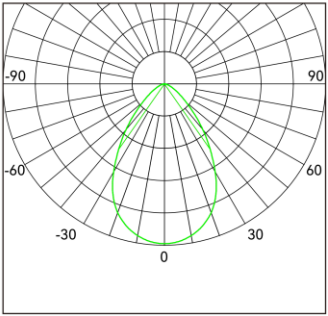
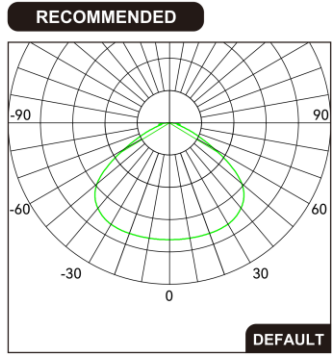
100W



150W



200W



Mounting Options



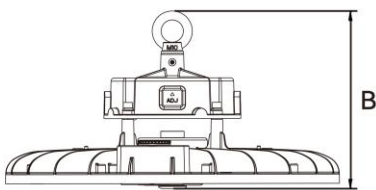
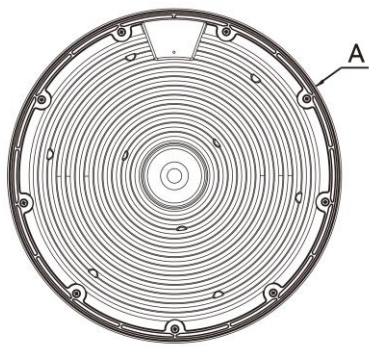
Loop mounting



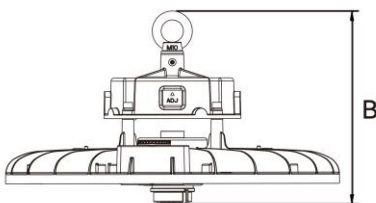
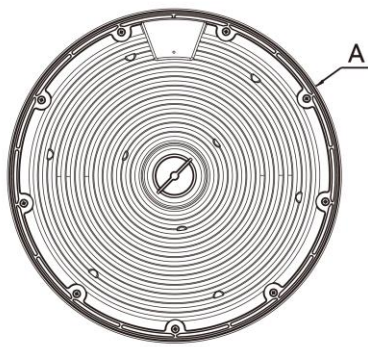
Ceiling mounting

Dimensions

ON-OFF



Zhaga receptacle



Model No.	IBPA98-100/CPS	IBPA98-150/CPS	IBPA98-200/CPS
Product Dimension (mm)	Ø220*160 Ø220*173 (with sensor)	Ø264*160 Ø264*173 (with sensor)	Ø300*160 Ø300*160 (with sensor)

Accessories (optional)



PC reflectors

PC reflector
For 150W & 200W



Ceiling mount bracket

For 0-10V/DALI Dimmable



PC reflectors

PC reflector with lid
For 150W & 200W



Safety chain

201 stainless steel,
available for 0.5m long.



Aluminum reflectors

For 150W & 200W



Sensor

CASAMBI ready wireless
module



Aluminum reflectors

For 200W



Sensor

Zhaga Microwave Motion
Sensor



Aluminum reflectors

For 200W



Sensor

Zhaga PIR Motion Sensor



Ceiling mount bracket

For Zhaga receptacle / ON-
OFF



Remote Controller

For Microwave Motion
Sensor or PIR Motion
Sensor.

Edition

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

Release Date

2025.10.01

Issuance of Category

The 1st. Version