

LED Flood Light Prime P84 Series



Highlights:

- Lighter and thinner body.
- 5 sizes cover 50W to 300W.
- 2 lighting distributions, suitable for a variety of scenes.
- Powers selectable, strong versatility, and saving SKU.

Application Areas:

- Factories
- Logistics facilities
- Plazas/Square lighting
- Area site lighting
- Open car parks
- Outdoor industrial and logistics areas
- Architectural & Building surrounds
- Public spaces



Specifications:



Model No.	IBP84-50	IBP84-100	IBP84-150
Electrical Information			
Power Consumption (W) ±10%	50	50/75/100	75/112.5/150
Input Voltage	220-240VAC, 50 / 60 Hz		
Power Factor	> 0.9		
Surge Protection	4kV line-line, 6kV line-earth	6kV line-line, 6kV line-earth	
Driver Type	Constant Current (CC)		
Control	ON/OFF	ON/OFF / Power Selectable	ON/OFF / Power Selectable / DALI
Optic Information			
LED Type	LED 2835		
Luminous Flux (lm) ±10%	50W: 7031-7480	100W: 13848-14735 50W: 7621-8113	150W: 20682-21970 75W: 11570-12420
Efficacy (lm/w)	Up to 155 lm/W		
Beam Angle	47°, 60°		
Correlated Color Temperature	5000K (3000K, 4000K optional)		
Color Rendering Index	Ra80		

Specifications:



Model No.	IBP84-50	IBP84-100	IBP84-150
Dimensions and Mount			
Product Dimension (mm)	L254*W212*H48	L315*W233*H52	L318*W263*H53
Luminaire Net Weight (±0.3kg)	1.2	1.9	2.3
Export Carton Size (mm)	275*250*80	340*270*85	345*310*85
Gross Weight (±0.3kg)	1.6	2.4	2.9
Mounting Option	Bracket mounting		
	Pole mounting		
Materials	Aluminum alloy		
	Polycarbonate optical lens		
Finish	Powder coating		
Fixture Color	Black (RAL9017)		
IK Rating	IK08		
IP Rating	IP66		
Luminaire windage area (SCx) (m²) at 0°	0.04	0.06	0.07

* The tolerance for weight is ±6%.

Lifespan	
Operating Temperature (°C)	-30 to +45
Life Time of LED @Ta=25°C (hours)	L80 – 93400 L70 – 148600

Specifications:



Model No.	IBP84-200	IBP84-240	IBP84-300
Electrical Information			
Power Consumption (W) ±10%	100/150/200	120/180/240	150/225/300
Input Voltage	220-240VAC, 50 / 60 Hz		
Power Factor	> 0.9		
Surge Protection	6kV line-line, 6kV line-earth		
Driver Type	Constant Current (CC)		
Control	ON/OFF / Power Selectable / DALI		
Optic Information			
LED Type	LED 2835		
Luminous Flux (lm) ±10%	200W: 29114-31052 100W: 15951-16923	240W: 33734-35899 120W: 20079-21429	300W: 41322-43923 150W: 22863-24381
Efficacy (lm/w)	Up to 155 lm/W		
Beam Angle	47°, 60°		
Correlated Color Temperature	5000K (3000K, 4000K optional)		
Color Rendering Index	Ra80		

Specifications:

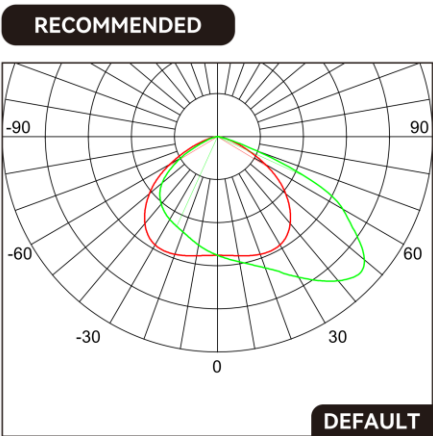


Model No.	IBP84-200	IBP84-240	IBP84-300
Dimensions and Mount			
Product Dimension (mm)	L379*W303*H53	L403*W343*H56	
Luminaire Net Weight (±0.3kg)	3.3	4	
Export Carton Size (mm)	410*345*85	435*385*85	
Gross Weight (±0.3kg)	4.1	5	
Mounting Option	Bracket mounting		
	Pole mounting		
Materials	Aluminum alloy		
	Polycarbonate optical lens		
Finish	Powder coating		
Fixture Color	Black (RAL9017)		
IK Rating	IK08		
IP Rating	IP66		
Luminaire windage area (SCx) (m²) at 0°	0.1	0.12	

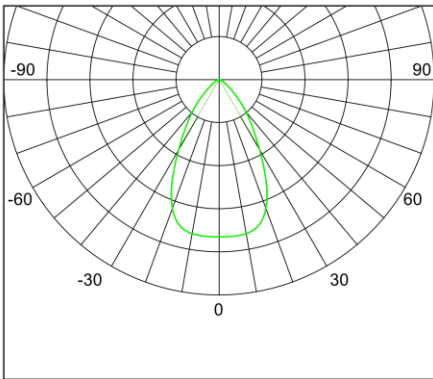
* The tolerance for weight is ±6%.

Lifespan	
Operating Temperature (°C)	-30 to +45
Life Time of LED @Ta=25°C (hours)	L80 – 93400 L70 – 148600

Photometric Diagrams

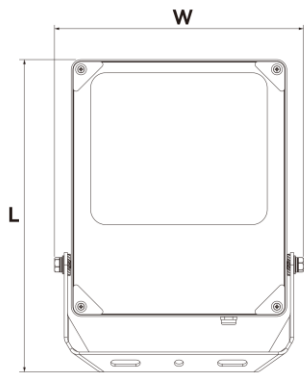


Asymmetrical intense 47°



Symmetrical 60°

Dimensions



Model No.	Luminaire Dimensions (mm)
IBP84-50	L254*W212*H48
IBP84-100	L315*W233*H52
IBP84-150	L318*W263*H53
IBP84-200	L379*W303*H53
IBP84-240	L403*W343*H56
IBP84-300	

Mounting Options



Accessories (optional)



Pole mount adaptor
42mm Pole mount adaptor
For 300W



Mount bracket
Outrigger mount bracket.
For 50-200W



Pole mount adaptor
60mm Pole mount adaptor
For 150-300W



Pole mount adaptor
60mm Aluminum Pole mount
adaptor
For 50-300W



Pole mount adaptor
76mm Pole mount adaptor
For 150-300W



Clamp mount bracket
100mm Clamp mount
bracket for 50-300W
150mm Clamp mount
bracket for 150-300W

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