

LED BAY LIGHTING

SPORTS LIGHTING

IBL

series

IBL from Lighting Technology International is the new standard for low bay lighting, providing highly effective lighting without glare. With excellent uniformity and flexible beam angles they suit a variety of applications including sporting arenas, factories, warehouses and a range of other indoor uses.

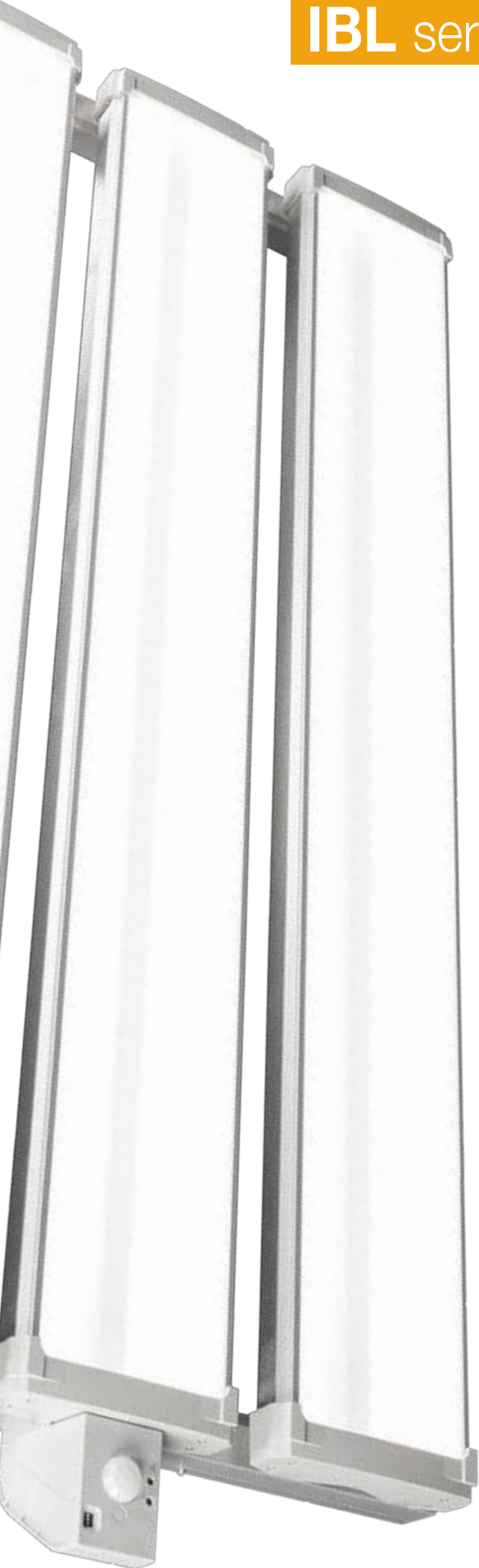
Designed with easy installation and replacement in mind, the IBL series from LTI is the most logical solution for low beam lighting.



**LIGHTING
TECHNOLOGY**

LED AREA FLOOD LIGHTING

IBL series



UNRIVALED EFFICACY

The IBL series harnesses the reflector technology to produce unrivaled efficiency and efficacy, up to 130lm/W.

COOLING TECHNOLOGY

With quality heat sinks, high grade aluminium and an intelligent design to promote natural convection the IBL series extends its life way beyond the norm.

OUTSTANDING DURABILITY

Designed with corrosion, weathering and rough handling in mind the IBL series undergoes a variety of stress tests to ensure it meets all are requirements needsand more.

EXCELLENT LIGHT DISTRIBUTION

Throughout the different models and specifications of the IBL series there is a variety of beam distributions all which have been designed to maximise illumination while minimising light pollution and glare.

OPTIMISED FOR WIRELESS CONTROL

Each IBL is capable being controlled wirelessly. As the IBL is an LED this means not only can it be remotely turned on and off but also dimming up and down. This cuts down on infrastructure costs

REPLACEMENT FOR HID FLOODLIGHT

The IBL series was designed specifically to replace its metal halide counterpart while providing a 60% reduction in ongoing power costs.

APPLICATIONS

Thanks to the IBL's unrivaled performance and longevity, along with the range of models in the series, it can be utilised in a range of vastly different settings.



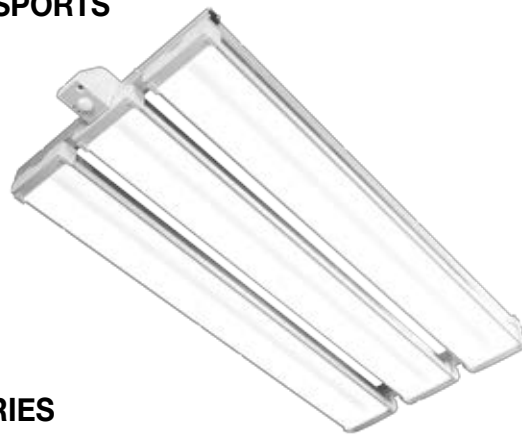
**INDOOR
SPORTS**



WAREHOUSES



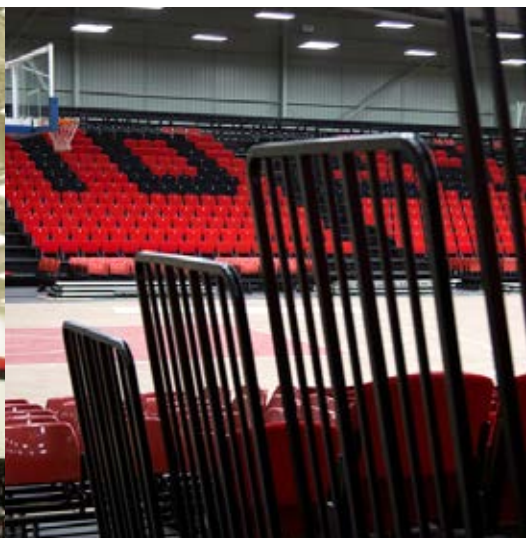
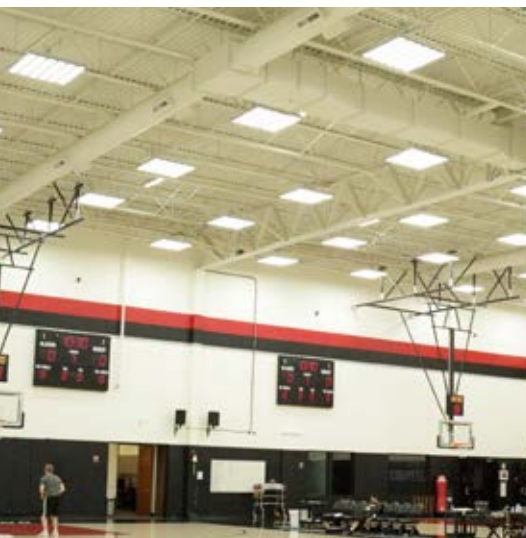
FACTORIES



**PARKING
LOTS**



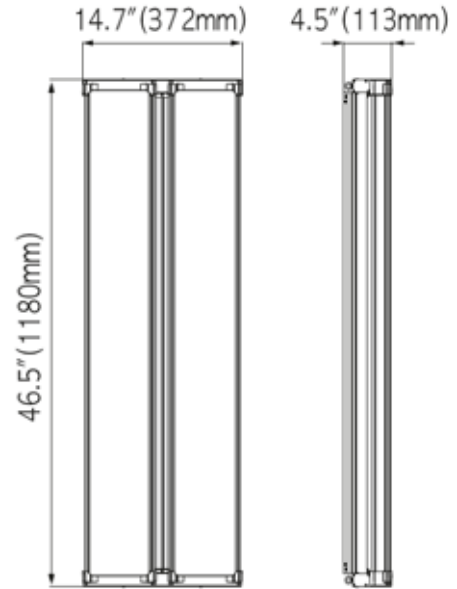
**AIRPLANE
HANGERS**



IBL series IBL 130W

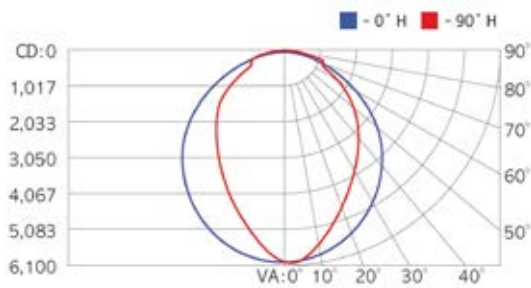


DIMENSIONS



SIZE (W X L X H) 14.7 x 46.5 x 4.5 (inch)
372 x 1180 x 113 (mm)

PHOTOMETRY DATA

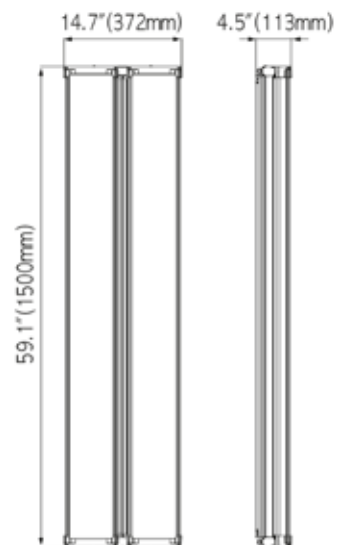


[IBL130 / 5000K / 80°]

IBL series IBL 170W

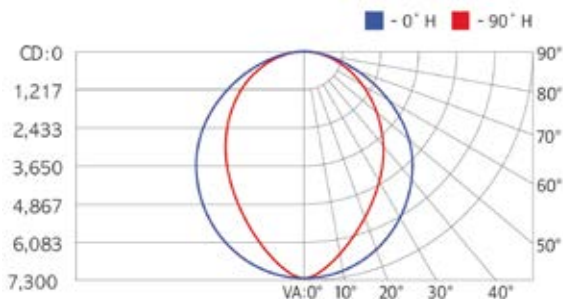


DIMENSIONS



SIZE (W X L X H) 14.7 x 59.1 x 4.5 (inch)
372 x 1500 x 113 (mm)

PHOTOMETRY DATA

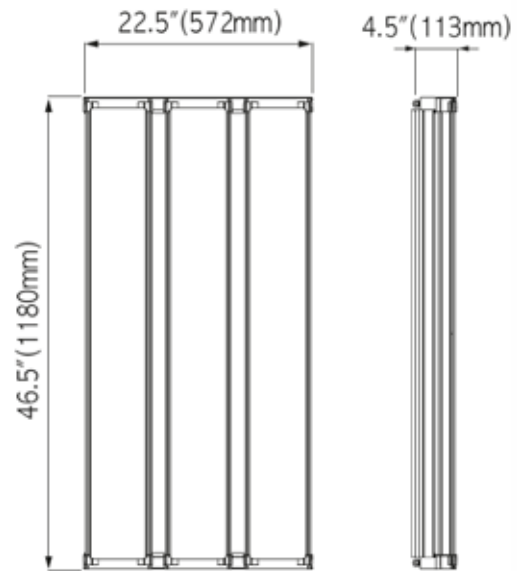


[IBL170 / 5000K / 80°]

IBL series IBL200W

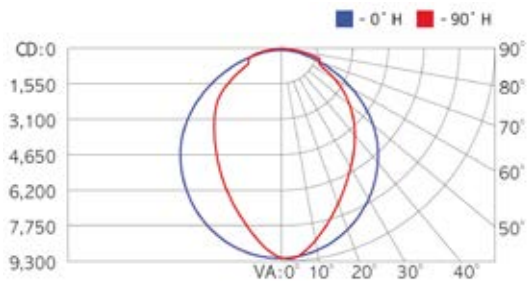


DIMENSIONS



SIZE (W X L X H) 22.5 x 46.5 x 4.5 (inch)
572 x 1180 x 113 (mm)

PHOTOMETRY DATA

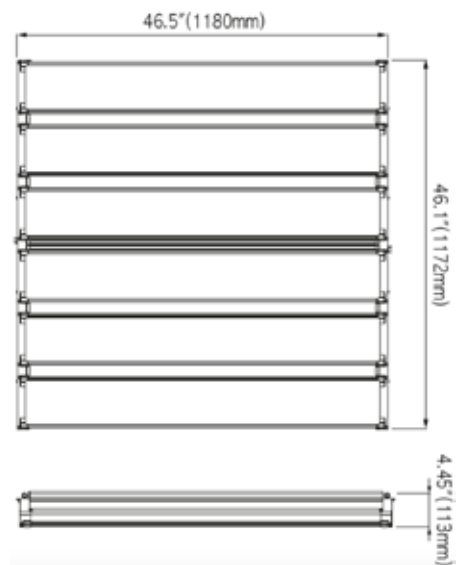


[IBL200 / 5000K / 80°]

IBL series IBL 400W

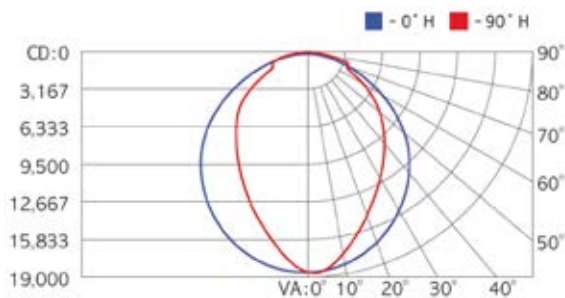


DIMENSIONS



SIZE (W X L X H) 46.1 x 46.5 x 4.5 (inch)
1172 x 1180 x 113 (mm)

PHOTOMETRY DATA

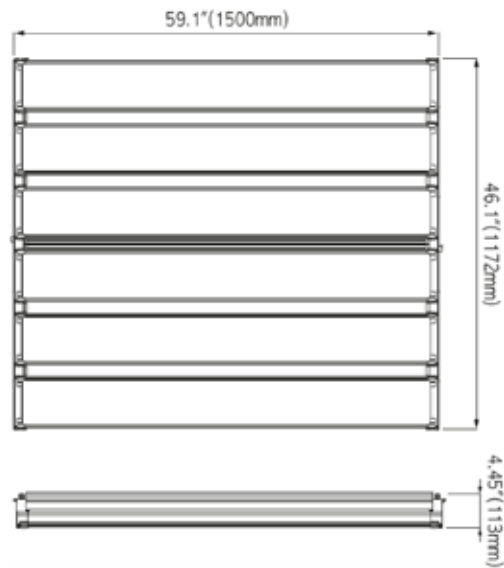


[IBL400 / 5000K / 80°]

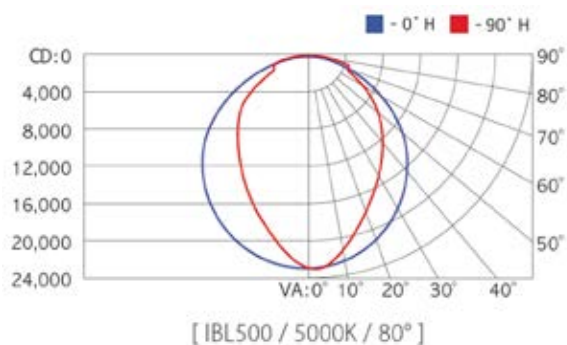
IBL series IBL 500W



DIMENSIONS



PHOTOMETRY DATA



SIZE (W X L X H) 46.1 x 59.1 x 4.5 (inch)
1172 x 1500 x 113 (mm)



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SPECIFICATIONS

Model Name	IBL500	IBL400	IBL200	IBL170	IBL130
Power Consumption	500W	400W	200W	170W	130W
Light Source	0.2W Mid Power LED Chips				
CCT	5000K (5700K / 4000K / 3000K available)				
Luminous Flux *	52,500 lm	42,000 lm	21,000 lm	17,850 lm	13,650 lm
Luminous Efficacy *	105 lm/W				
Color Rendering Index	80 Ra				
LED Driving Current	64.3 mA	74.1 mA			
Light Distribution	80° / 130°				
LED Chip Manufacturer	SAMSUNG				
Input Voltage	100 ~ 277 Vac / 347 ~ 480 Vac			100 ~ 240 Vac / 100 ~ 277 Vac	
Input Current	Max. 6.0A(@100Vac)	Max. 4.8A(@100Vac) Max. 1.5A(@347Vac)	Max. 2.5A(@100Vac) Max. 0.75A(@347Vac)	Max. 2.0A(@100Vac)	Max. 1.55A(@100Vac)
Power Factor	≥0.9 at Max load				
Frequency	50 / 60 Hz				
Surge Protection	Line – Line 2kV , Line – FG 4kV				
Driver Type	Constant Current (CC)				
Fixture Manufacturer	KMW INC. / Made in Korea				
Size (L x W x H)	59.1 x 46.1 x 4.5" / 1,500x1,172x113mm	46.5 x 46.1 x 4.5" / 1,180x1,172x113mm	46.5 x 22.5 x 4.5" / 1,180x572x113mm	59.1 x 14.7 x 4.5" / 1,500x372x113mm	46.5 x 14.7 x 4.5" / 1,180x372x113mm
Weight (Driver included)	44.1 lb / 20.0 kg	36.6 lb / 16.6 kg	21.6 lb / 9.8 Kg	18.1 lb / 8.2 Kg	15.2 lb / 6.9 Kg
Material	Body	Cast Aluminum			
	Optic	White Reflector			
	Cover	Polycarbonate (Clear)			
Finish	Anodized				
IP Rating	IP20				
Operating Temperature	14°F ~ 122°F / -10°C ~ 50°C		14°F ~ 131°F / -10°C ~ 55°C	14°F ~ 122°F / -10°C ~ 50°C	14°F ~ 131°F / -10°C ~ 55°C
Option	Control	Wireless(ZigBee) / Wired(1-10V) / Sensor (Occupancy, Daylight)			
	Mounting	Wire Pendant			
Warranty	10 Years (12 hours usage per day)				

* Tolerance : ± 5%

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ZigBee	Wireless Control
Input Voltage	15 Vdc
Max. Power Consumption	0.3W (@15 Vdc)
Standard	2.4 GHz – IEEE 802.15.4 (Compatible)
Network	MESH
RF Tx Power	Max. +8 dBm (Typ. 5 dBm)
Data Rate	250 kbps
Security	128 bit AES Encryption Algorithms
Dimmer	PWM, 0 ~ 10 Vdc
Antenna	Omni Type, 2 dBi
1-10V	Wired Control
Factory Installed	The maximum quantity at the time of group control is according to dimmer switch and actuator supply wattage
Daylight Sensor	Smart Sensor Module
Operating Voltage Range	5 – 50 Vdc (Typ. 15 Vdc)
Max. Power Consumption	0.6W (@15 Vdc)
Operating Temperature Range	-22°F ~ 122°F / -30°C ~ 50°C
Detectable Illumination Range	9.2 – 92 fc (Default : 64 fc) / 100 – 1,000 lx (Default : 700 lx)
LED Light Bi-level Setting	0 % to 30 % (Adjustable) / 10% (Default)
Output Signal	PWM
Weight	0.33 lb / 150 g
Occupancy Sensor (L)	Smart Sensor Module (Low Bay)
Operating Voltage Range	5 – 50 Vdc (TYP. 15 Vdc)
Max. Power Consumption	0.6 W (@15 Vdc)
Operating Temperature Range	-22°F ~ 122°F / -30°C ~ 50°C
Sensitivity Range	Up to (16 feet / 5 M), Field of View, Horizontal 100°, Vertical 100° (77°F / 25° C)
Output Signal	PWM
Weight	0.33 lb / 150 g
Delay Time Setting	15 sec to 1 hour (Adjustable) / 1min (Default)



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TECHNOLOGY**

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