



Applications

- Sports Arena
- Warehouse
- Superstore
- Factory
- Airport
- Gym

Certification

- UL
- FCC
- DLC
- CE
- ENEC
- KC

Description

Glare-Free & High Efficiency Lighting
Optimal Uniformity
Easy Replacement & Installation

Specifications

Model Name	IBL130	
Power Consumption	130W	
Correlated Color Temperature	5000K (3000K / 4000K / 5700K available)	
Luminous Flux *	13,650 lm	
Luminous Efficacy *	105 lm/W	
Color Rendering Index	80 Ra	
Light Distribution	80°(Asymmetric) / 130°(Asymmetric)	
LED Chip Manufacturer	SAMSUNG	
Input Voltage	100 - 277 Vac	
Input Current	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)	
Driver Manufacturer	KMW INC. / Made in Korea	
Size (L x W x H)	46.5 x 12.0 x 4.2 (inch)	1180.0 x 304.4 x 107.6 (mm)
Weight (Driver included)	13.0 lb	5.9 Kg
Material	Body	Aluminum
	Optic	White Reflector
	Cover	Polycarbonate (Clear)
Finish	Anodized	
IP Rating	IP20	
Mounting Option	Wire Pendant	
Operating Temperature	14°F ~ 131°F	-10°C ~ 55°C
Life Time	LED Module	100,000 Hours (L70@77°F / 25°C)
	Driver	50,000 Hours (@77°F / 25°C)
Warranty	5 Years	

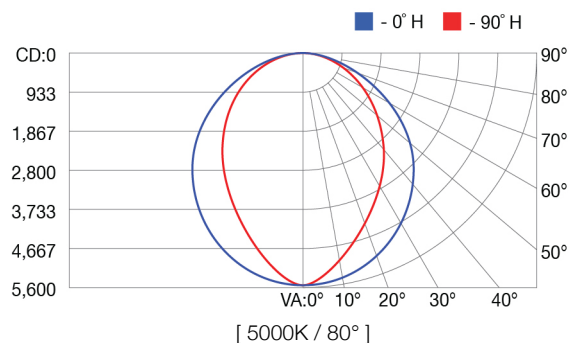
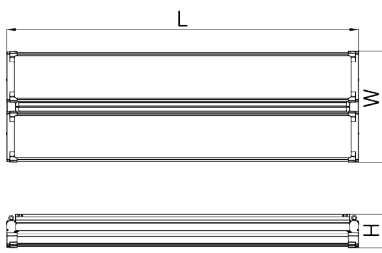
Option

Control System	Wireless (ZigBee) / Wired (0-10V, DALI) Sensor (Occupancy, Daylight)
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*Tolerance : ± 5%

Photometry

See photometric .ies files for details.



Control System (Optional)

ZigBee		Wireless Control
Standard	2.4 GHz - IEEE 802.15.4 (Compatible)	
Network	Mesh	
RF Tx Power	Max. +8 dBm (Typ. 6 dBm)	
Data Rate	250 kbps	
Security	128 bit AES Encryption Algorithms	
Dimmer	PWM, 0 – 10 Vdc	
Antenna	Omni Type, 2 dBi	
Input Voltage	15 Vdc	
Max. Power Consumption	0.3 W (@15Vdc)	
0 – 10V		Wired Control
Factory Installed	The maximum quantity at the time of group control is according to dimmer switch and actuator supply wattage	
DALI Slave		Wired Control
Operating Voltage Range	5 – 50 Vdc (TYP. 24 Vdc)	
Max. Power Consumption	0.38 W (@15Vdc)	
Maximum no. of DALI Units	64	
Maximum no. of DALI Groups	16	
Input Signal	DALI Digital Dimming Signal	
Output Signal	PWM	
Occupancy Sensor		Smart Sensor Module
Operating Voltage Range	5 – 50 Vdc (TYP. 24 Vdc)	
Max. Power Consumption	0.6 W (@15Vdc)	
Operating Temperature Range	-22°F ~ 122°F / -30°C ~ 50°C	
Sensitivity Range	Up to (49 feet / 15 M), Field of View, Horizontal 100°, Vertical 100° (77°F / 25° C)	
Detection Motion Speed	0.6 - 1.5 m/s	
Output Signal	PWM	
Weight (G.W.)	0.33 lb / 150 g	
Delay Time Setting	15 sec to 1 hour (Adjustable) / 1min (Default)	
Daylight Sensor		Smart Sensor Module
Operating Voltage Range	5 – 50 Vdc (TYP. 24 Vdc)	
Max. Power Consumption	0.6 W (@15Vdc)	
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 (G.W.)	0.33 lb / 150 g	

Ordering Information

IBL : LED Indirect Bay Lighting (Order Code Usage : IBL130-A301208PUH)

IBL	OOO	-	O	OO	OO	OO	O	O	O
	Power Consumption		Input Voltage	CCT(K)	Length	Beam Angle	Installation Type	Region	Dimming Control & Sensor
	130=130W 170=170W 200=200W 400=400W		A=100-277V B=100-240V C=347-480V	30=3000 40=4000 50=5000	12=1,180mm 15=1,500mm	08=80° 13=130°	P=Wire Pendant	U=UL C=CE	A =Daylight B =Occupancy (Low Bay : Under 4M) C =Occupancy (High Bay : Under 15M) D =DALI E =Occupancy (Low Bay : Under 4M) + ZigBee F =Occupancy (High Bay : Under 15M) + ZigBee G =Daylight + ZigBee H =Occupancy (Low Bay : Under 4M) + Daylight + ZigBee I =Occupancy (High Bay : Under 15M) + Daylight + ZigBee J =Occupancy (Low Bay : Under 4M) + Daylight K =Occupancy (High Bay : Under 15M) + Daylight N =None T =0-10V Z =ZigBee