

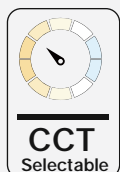


LHB07-SERIES

Up to 170lm/w

Dust Free Design / Power & CCT selectable

Specific designed for aisles,warehouse,workshop application,etc.



DUST FREE DESIGN

The dust-free structural design can significantly improve dust accumulation issues, allowing lighting fixtures to maintain good heat dissipation performance and greatly extend their lifespan.



SMART LIGHT WITH SENSOR

Making a conscious decision to choose higher efficiency lighting options as compared to traditional lighting fixtures can lead to significant energy savings. This particular lighting fixture not only helps in reducing energy consumption but also comes equipped with intelligent sensors that further minimize energy usage, thereby lowering energy bills.



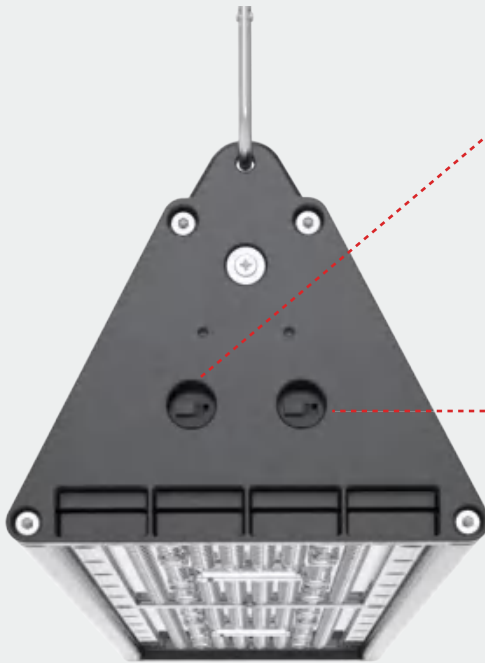
Infrared induction



Microwave induction

POWER & CCT SELECTABLE

Power and CCT Adjustable Integrated in one fixture Saving units in stock, less SKU gets flexible solutions.



Power selectable

Through a dial switch can achieve three power levels—high, medium, and low.

CCT selectable

Using a dial switch can adjust the color temperature to three settings—CW, NW, and WW.

MOUNTING OPTIONS

To accommodate different usage scenarios, we offer two installation options for the LHB07 series products, allowing you to freely choose the method that best suits your needs.



SPECIFICATIONS TABLE

GENERAL INFORMATION	
Driver included	Yes
CE mark	Yes
RoHS compliant	Yes
Safety features	Open circuit protection Short circuit protection Overvoltage protection
Testing standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)
HOUSING AND FINISH	
Housing	Aluminium
Optic	Polycarbonate
Protector	Polycarbonate (with integrated lenses)
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	RAL 9017 black
OPERATING CONDITIONS	
Operating Temperature Range (Ta)	-30°C to + 50°C
Operating Humidity	10-90%RH
Mounting Option	Loop Hanging Bracket Mounting
Warranty	5 years
PERFORMANCE	
Power	100W/120W/150W/200W/240W
Efficacy	170lm/W, 150lm/W
Power Efficiency	≥90%
Start Time	≤0.2S
Warm-up time to 60%	0.5S

ELECTRICAL INFORMATION	
Electrical Class	Class I EU
Nominal Voltage	120-277V 50/60Hz
Power factor (at full load)	0.9
Surge Protection Options (KV)	6KV-Line-Line 6KV-Line-Earth
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
Total Harmonic Distortion(THD)	IEC 61000-3-2 Class C <20%
Driver Type	Constant current(CC)
Withstand Voltage	1.5KV 60S 10mA
OPTICAL INFORMATION	
LED Type	SMD3030 / SMD5050
Beam Angle	30x70°/60x90°/40x110°/60x110°/ 90x110°/90°
Recommended installation height	6m
Color Tolerance	Ra70 ≤7 Ra80 ≤5
LED colour Temperature	3000K / 4000K / 5000K / 5700K / 6500K
Colour Rendering Index (CRI)	CRI>70 standard CRI>80 optional
Upward Light Output Ratio (ULOR)	0%
LIFETIME OF THE LEDS @ TA 25°C	
All configurations	
L70B50	> 100,000h
L80B20	> 50,000h
L90B10	> 30,000h
Switching Cycles	> 100,000 times

※Lamp switch must control L line or control L and N lines.
 ※Ra measurement tolerance is ±2.

PACKAGING

POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
100W	L460*W190*H175mm	1PCS/CTN	0.0153m3	/	/	1670pcs	4315pcs
120W	L460*W190*H175mm	1PCS/CTN	0.0153m3	/	/	1670pcs	4315pcs
150W	L815*W190*H175mm	1PCS/CTN	0.0271m3	/	/	960pcs	2436pcs
200W	L815*W190*H175mm	1PCS/CTN	0.0271m3	/	/	960pcs	2436pcs
240W	L815*W190*H175mm	1PCS/CTN	0.0271m3	/	/	960pcs	2436pcs

PERFORMANCE

PRO VERSION

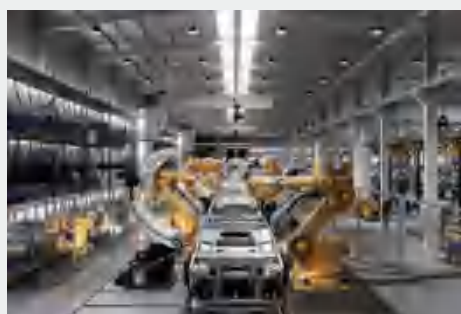
POWER	LUMENS	EFFICACY
100W	17,000LM	170LM/W(Ra70)
	16,000LM	160LM/W(Ra80)
120W	19,800LM	165LM/W(Ra70)
	18,600LM	155LM/W(Ra80)
150W	25,500LM	170LM/W(Ra70)
	24,000LM	160LM/W(Ra80)
200W	34,000LM	170LM/W(Ra70)
	32,000LM	160LM/W(Ra80)
240W	38,600LM	165LM/W(Ra70)
	37,200LM	155LM/W(Ra80)

STANDARD VERSION

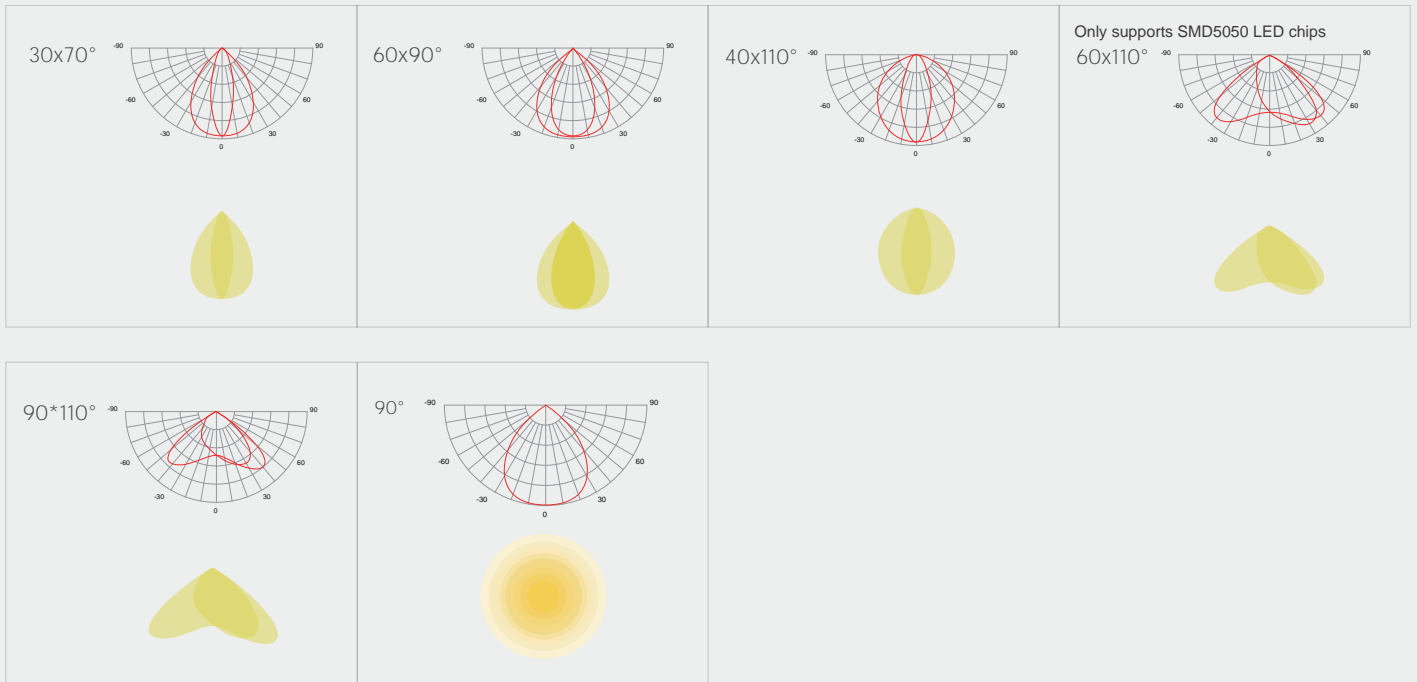
POWER	LUMENS	EFFICACY
100W	15,000LM	150LM/W(Ra70)
	14,000LM	140LM/W(Ra80)
120W	17,400LM	145LM/W(Ra70)
	16,200LM	135LM/W(Ra80)
150W	22,500LM	150LM/W(Ra70)
	21,000LM	140LM/W(Ra80)
200W	30,000LM	150LM/W(Ra70)
	28,000LM	140LM/W(Ra80)
240W	34,800LM	145LM/W(Ra70)
	32,400LM	135LM/W(Ra80)

※The Performance Data is tested base on 230VAC, and 4000K for all versions
 ※Power Consumption Tolerance ±5% (Apply to all versions)
 ※Lumen Efficiency Tolerance ±5% (Apply to all versions)

APPLICATION



LIGHT DISTRIBUTIONS



PENDANT MOUNTING

Power	Size
100W/120W	L387*W140*H120mm
120W/150W/200W/240W	L740*W140*H120mm

