



LHB04-Series

Professional Light Distribution Makes Maximum Use of Lumens

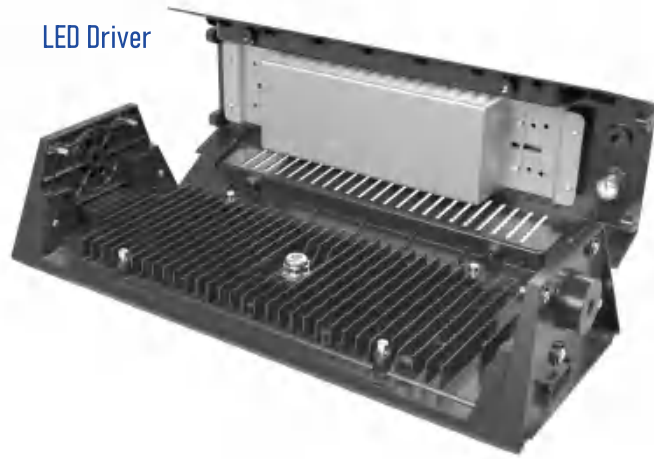
Thanks to die-cast technology, achieve the aesthetic appearance



LONGER SERVICE LIFE

Driver installed on back cover to optimise passive thermal management.

LED Driver



Hollow-out design accelerates airflow

Cooling Fins on internal housing enhance heat dissipation performance



CAN BE EQUIPPED WITH SENSORS

Get more energy saving with a smart Microwave Motion Sensor



Microwave induction



Infrared induction

Integrated motion sensor can be programmed to increase energy-saving, customized detection range daylight, threshold, timer, and dimming settings.



Remote-Controlled Linear High Bay

Step into smart lighting with our Intelligent Linear High Bay. Whether microwave or infrared sensor, your choice. Adjust brightness, color, and timers seamlessly through the remote control. Illuminate instantly with sensor control. Manage groups of lights effortlessly.

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 + 45°C
Operating Humidity	10-90%RH
Mounting Option	Pendant mounting Ceiling mounting
Warranty	5 years
PERFORMANCE	
Power	100W/120W/200W/240W/ 300W/400W/480W
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 fullload)	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
Beam Angle	30x70° / 60x90° / 40x110°
Recommended installation height	4m to 12m
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	L595*W205*H175mm	1PCS/CTN	0.0213m ³	3.0kg	3.2kg	1200pcs	3100pcs
120W	L595*W205*H175mm	1PCS/CTN	0.0213m ³	3.0kg	3.2kg	1200pcs	3100pcs
200W	L945*W205*H175mm	1PCS/CTN	0.0339m ³	5.8kg	6.3kg	750pcs	1900pcs
240W	L945*W205*H175mm	1PCS/CTN	0.0339m ³	5.8kg	6.3kg	750pcs	1900pcs
300W	L1300*W205*H175mm	1PCS/CTN	0.0466m ³	8.7kg	9.5kg	550pcs	1400pcs
400W	L955*W360*H175mm	1PCS/CTN	0.0602m ³	11.5kg	14.2kg	400pcs	1050pcs
480W	L955*W360*H175mm	1PCS/CTN	0.0602m ³	11.5kg	14.2kg	400pcs	1050pcs

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)
200W	34,000LM	170LM/W(Ra70)
	32,000LM	160LM/W(Ra80)
240W	39,600LM	165LM/W(Ra70)
	37,200LM	155LM/W(Ra80)
300W	51,000LM	170LM/W(Ra70)
	48,000LM	160LM/W(Ra80)
400W	68,000LM	170LM/W(Ra70)
	64,000LM	160LM/W(Ra80)
480W	79,200LM	165LM/W(Ra70)
	74,400LM	155LM/W(Ra80)

STANDARD VERSION

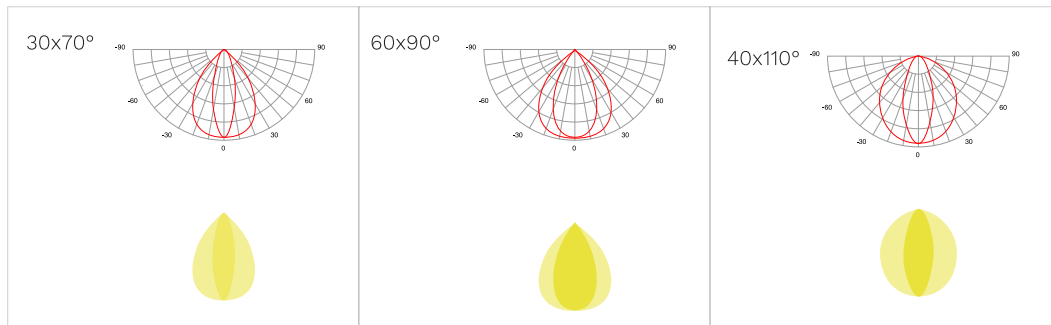
POWER	LUMENS	EFFICACY
100W	15,000LM	150LM/W(Ra70)
	14,000LM	140LM/W(Ra80)
120W	17,400LM	145LM/W(Ra70)
	16,200LM	135LM/W(Ra80)
200W	30,000LM	150LM/W(Ra70)
	28,000LM	140LM/W(Ra80)
240W	34,800LM	145LM/W(Ra70)
	32,400LM	135LM/W(Ra80)
300W	45,000LM	150LM/W(Ra70)
	42,000LM	140LM/W(Ra80)
400W	60,000LM	150LM/W(Ra70)
	56,000LM	140LM/W(Ra80)
480W	69,600LM	145LM/W(Ra70)
	64,800LM	135LM/W(Ra80)

- ※The Performance Data is tested base on 230VAC, 60x90° and 4000K for all versions
- ※Power Consumption Tolerance ±5% (Apply to all versions)
- ※Lumen Efficiency Tolerance ±5% (Apply to all versions)
- ※When using a 30x70° configuration, the light efficiency decreases by 10%
- ※When using 40x110° configuration, the light efficiency decreases by 5%

APPLICATION



LIGHT DISTRIBUTIONS



PENDANT MOUNTING

Power	Size
100W/120W	L388*W150*H85mm
200W/240W	L741*W150*H85mm
300W	L1094*W150*H85mm
400W/480W	L741*W305*H85mm

