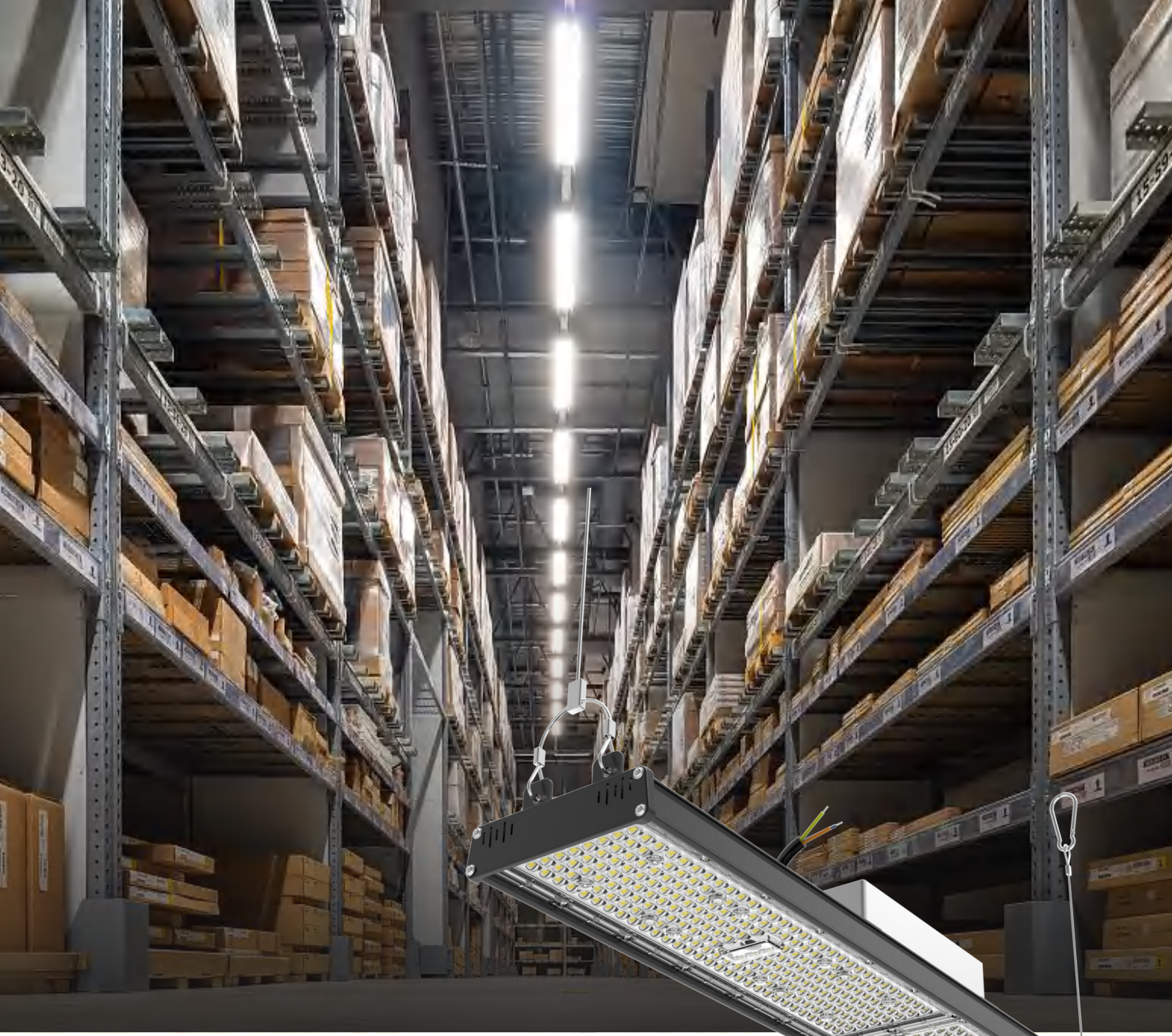




LHB05 SERIES

Up To 170lm/w

Better Uniformity /Low Glare /Fewer Luminaires



LIGHT POLLUTION CONTROL

Your neighbors never look like useless glares in or around their homes. The night sky will be beautiful, with twinkling stars and no spilled light. With special visor and optical lens design. The Goldenlux LHB05 is the one that makes it all happen.



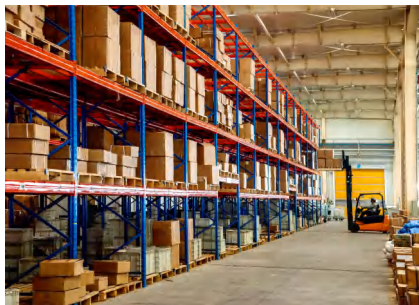
Loosen the screws to adjust the angle of the visor.

VARIOUS INSTALLATION WAYS

There are various installation options available to meet diverse usage requirements. The installation process is swift, convenient, and cost-effective as it saves labor and maintenance costs.



APPLICATION



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)	-20°C to + 45°C
Operating Humidity	10-90%RH
Mounting Option	Ceiling mounting/Pendant mounting
Warranty	5 years
PERFORMANCE	
Power	100W/120W/150W/200W/ 240W/300W
Efficacy	170lm/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
Beam Angle	90°/30x70° / 60x90° / 40x110°
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.

PERFORMANCE

PRO VERSION

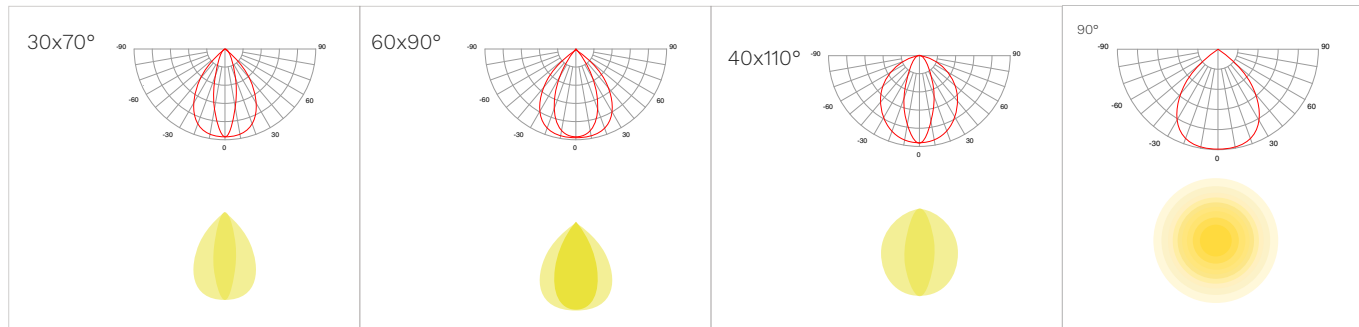
POWER	LUMENS	EFFICACY
100W	17,000LM	170LM/W(Ra70)
	16,000LM	160LM/W(Ra80)
120W	19,800LM	165LM/W(Ra70)
	18,600LM	155LM/W(Ra80)
150W	25,500LM	170LM/W(Ra70)
	24,000LM	160LM/W(Ra80)
200W	34,000LM	170LM/W(Ra70)
	32,000LM	160LM/W(Ra80)
240W	38,600LM	165LM/W(Ra70)
	37,200LM	155LM/W(Ra80)
300W	51,000LM	170LM/W(Ra70)
	48,000LM	160LM/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%

PACKAGING

POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
100W	L410*W180*H130mm	1PCS/CTN	0.0251m³	4.6kg	5.4kg	1035pcs	2627pcs
120W	L410*W180*H130mm	1PCS/CTN	0.0251m³	4.6kg	4.6kg	1035pcs	2627pcs
150W	L765*W180*H130mm	1PCS/CTN	0.0469m³	6.9kg	7.5kg	555pcs	1408pcs
200W	L765*W180*H130mm	1PCS/CTN	0.0469m³	6.9kg	7.5kg	555pcs	1408pcs
240W	L765*W180*H130mm	1PCS/CTN	0.0469m³	6.9kg	7.5kg	555pcs	1408pcs
300W	L1115*W180*H130mm	1PCS/CTN	0.0686m³	8.7kg	10.3kg	379pcs	962pcs

LIGHT DISTRIBUTIONS



PENDANT MOUNTING

Power	Size
100W/120W	L440.5*W129.1*H102.5mm
150W/200W/240W	L792.4*W129.1*H102.5mm
300W	L1145.8*W129.1*H102.5mm

