GOLDENLUX
www.goldenlux.cn

10 YEARS WARRANTY
Up to 190lm/w

Long-Term Assurance / Quality Support / Cost Savings

10-Year Warranty for Peace of Mind

IP65 | **IK09** | **6KV** | **10yrs Warranty**

10 YEARS WARRANTY

We offer a 10-year warranty, so you can enjoy worry-free usage. Our products undergo rigorous testing to ensure exceptional quality and durability. By choosing us, you're not just getting high performance—you're securing a decade of reliable protection.

Warranty Benefits:

- **Long-Term Assurance:** Our 10-year warranty reflects our confidence in product quality.
- **Quality Support:** We're here to assist you with any questions or concerns.
- **Cost Savings:** Reduce maintenance and replacement frequency, saving you money in the long run.
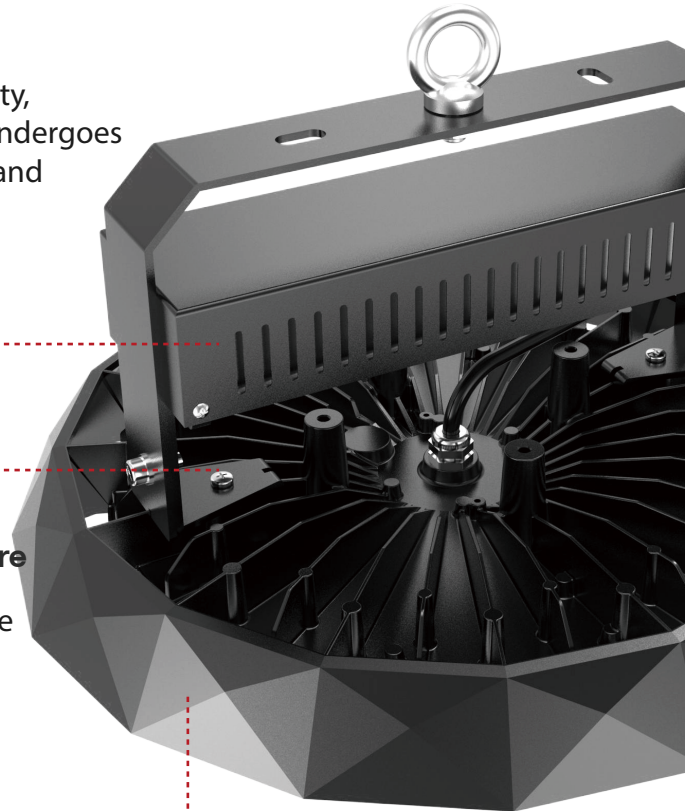
HOW WE DO!

Highest-Level LED Driver from Sosen

The SOSEN power supply we use offers an 8-year warranty, ensuring you can use it worry-free. Each power supply undergoes rigorous testing to guarantee exceptional performance and reliability. Choose SOSEN power supplies for stable operation and enjoy long-lasting peace of mind.

Separate Design of Power Supply and Light Fixture

The separate design of the power supply and light fixture enhances safety and flexibility. This configuration allows for better heat dissipation and easier maintenance, as well as the option to upgrade or replace components independently.

Robust Structural Design

Our products feature a robust structural design that ensures durability and stability. By utilizing high-quality materials and precise manufacturing processes, we enhance overall strength and impact resistance, making them suitable for various demanding environments.
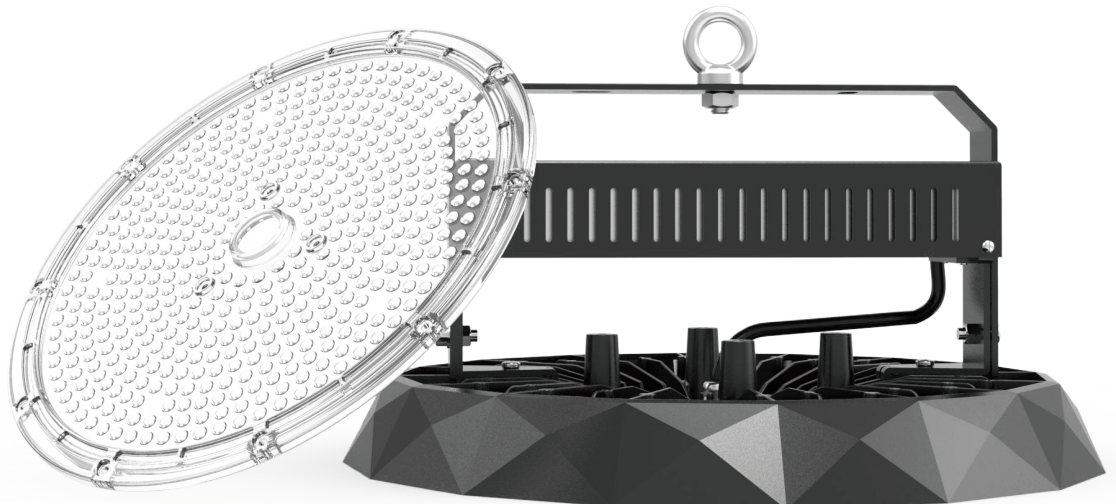
DIAMOND CUT DESIGN

In every detail, we pursue perfection. Our "Diamond Cut Design" features a unique cutting technique that blends elegance and luxury, creating a stunning visual effect. Each angle reflects brilliant light, allowing your product to stand out in a crowded market.

ANTI-GLARE MICROPRISMATIC LENS

In lighting design, a comfortable light experience is essential. Our "Anti-Glare Microprismatic Lens" utilizes advanced microprismatic technology to effectively reduce glare, providing you with a soft and even illumination.

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 Tempered glass)
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	RAL 9017 black

OPERATING CONDITIONS

Operating Temperature Range (Ta)	-30°C to + 60°C
Operating Humidity	10-90%RH
Mounting Option	Loop Hanging Bracket Mounting
Warranty	10 years

PERFORMANCE

Power	100W/150W/200W
Efficacy	190lm/W,160lm/W(Lower UGR)
Power Efficiency	≥93%
Start Time	≤0.2S
Warm-up time to 60%	0.5S

ELECTRICAL INFORMATION

Electrical Class	Class I EU
Nominal Voltage	120-277V / 220-240V ｜ 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 Woltage	1.5KV 60S 10mA

OPTICAL INFORMATION

LED Type	SMD2835 / SMD3030
Beam Angle	90°
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.
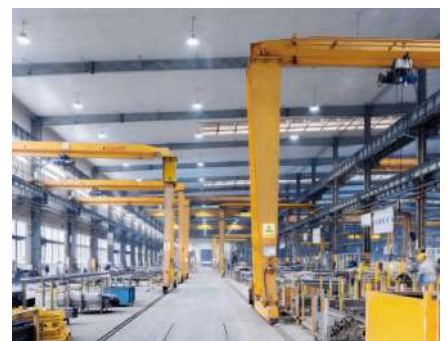
PERFORMANCE

STANDARD VERSION

POWER	LUMENS	EFFICACY
100W	19,000LM	190LM/W(Ra70)
	16,000LM	160LM/W(Ra80)
150W	28,500LM	190LM/W(Ra70)
	22,500LM	160LM/W(Ra80)
200W	38,000LM	190LM/W(Ra70)
	30,400LM	160LM/W(Ra80)

※The Performance Data is tested base on 230VAC, 80° and 4000K for all versions
※Power Consumption Tolerance ±5% (Apply to all versions)
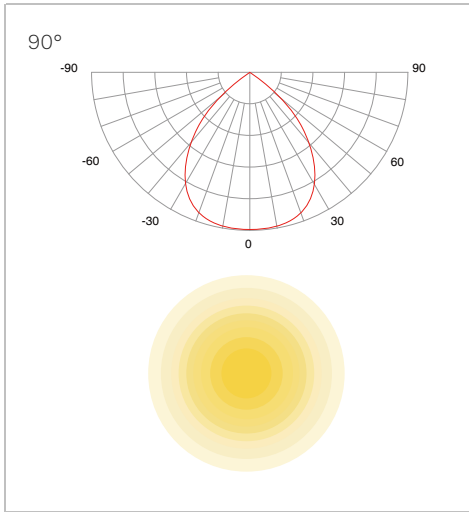※Lumen Efficiency Tolerance ±5% (Apply to all versions)

PACKAGING

POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
100W	L400*W400*H240mm	1PCS/CTN	0.0384m3	/	/	677pcs	1719pcs
150W	L400*W400*H240mm	1PCS/CTN	0.0384m3	/	/	677pcs	1719pcs
200W	L400*W400*H240mm	1PCS/CTN	0.0384m3	/	/	677pcs	1719pcs

APPLICATION

LIGHT DISTRIBUTIONS

PENDANT MOUNTING

Power	Size
100W/150W/200W	Φ280*H216.5mm
100W/150W/200W	Φ320*H216.5mm
100W/150W/200W	Φ360*H216.5mm