GOLDENLUX
Delivering Value to Lights

X-Series

CE   RoHS COMPLIANT

IK08   IP65

5 YEARS WARRANTY

KEY ADVANTAGES

- Classic streamlined design with an aesthetic and modern look
- Wattage from 100W to 200W optional
- High energy savings compared to systems with traditional discharge lamps
- Robust design
- Emergency lighting with optional battery
- High visual comfort
- No hazardous materials
- Fast ROI thanks to long life span and reduced maintenance
- Compact housing optimised for heat dissipation and reduced dust accumulation
- Dedicated range of mounting accessories

TYPES OF APPLICATION

- CAR PARKS
- LARGE AREAS
- INDUSTRIAL HALLS & WAREHOUSES
- SPORT FACILITIES

CAR PARKS   LARGE AREAS

INDUSTRIAL HALLS & WAREHOUSES   SPORT FACILITIES

GOLDENLUX

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
Protector	Glass
Glass	Tempered glass
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	RAL 9017 black
Tightness level	IP 65
Impact resistance	IK 08

OPERATING CONDITIONS

Operating temperature range (Ta)	-30°C to + 40°C
Operating Humidity	10-90%RH
Mounting Option	Loop Hanging Bracket Mounting
Warranty	5 years

PERFORMANCE

Power	100W/150W/200W
Efficacy	150lm/W
Start Time	≤0.2S

ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	220-277V │ 50/60Hz
Power factor (at full load)	0.9
Surge protection options (kV)	4KV-Line-Line 4KV-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
Control protocol(s)	1-10V
Total Harmonic Distortion(THD)	IEC 61000-3-2 Class C <20%

For fixed Class 1 luminaires, overvoltage protective devices which comply with IEC 61643-11 shall be disconnected from the circuit.

withstand voltage	1.5KV 60S 10mA

※Lamp switch must control L line or control L and N lines.

OPTICAL INFORMATION

LED Type	SMD2835
Beam Angle	120°
Recommended installation height	4m to 10m
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%

※Ra measurement tolerance is ±2.

LIFETIME OF THE LEDS @ TA 25°C

All configurations	
L70B10	>50,000h
L80B10	>30,000h
Switching Cycles	>100,000 times

STANDARD VERSION

POWER		LUMENS		EFFICACY	
	100W		15,000LM		150LM/W(Ra70)
			14,000LM		140LM/W(Ra80)
	150W		22,500LM		150LM/W(Ra70)
			21,000LM		140LM/W(Ra80)
	200W		30,000LM		150LM/W(Ra70)
			28,000LM		140LM/W(Ra80)

※The Performance Data is tested base on 230VAC, 120° and 4000K for all versions
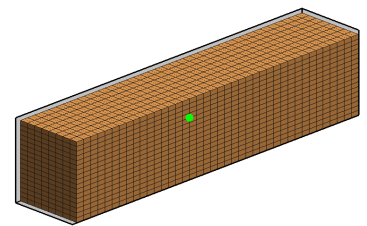※Power Consumption Tolerance ±5% (Apply to all versions)
※Lumen Efficiency Tolerance ±5% (Apply to all versions)

PACKAGING

POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
100W	L300*W300*H160mm	1PCS/CTN	0.0144m³	1.8kg	1.9kg	2160pcs	5168pcs
150W	L350*W350*H160mm	1PCS/CTN	0.0196m³	2.2kg	2.3kg	1544pcs	3650pcs
200W	L380*W380*H165mm	1PCS/CTN	0.0238m³	2.7kg	2.8kg	1282pcs	3003pcs

2160PCS
100W/20GP
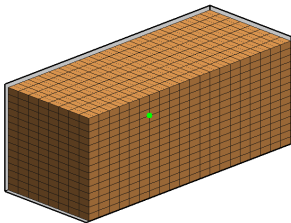
5168PCS
100W/40HQ

1544PCS
150W/20GP
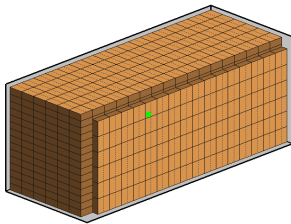
3650PCS
150W/40HQ
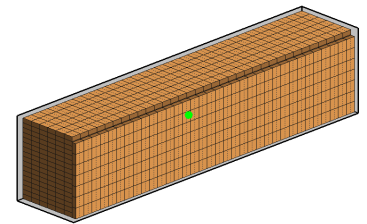
1282PCS
200W/20GP

3003PCS
200W/40HQ

2-3/F Building 2, Bei Fang Yong Fa Industrial Park, Jincheng Road, Shajing Town, Bao'an District, Shenzhen. / www.goldenlux.cn

LED High Bay Light | 4
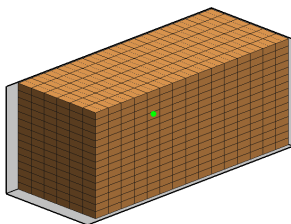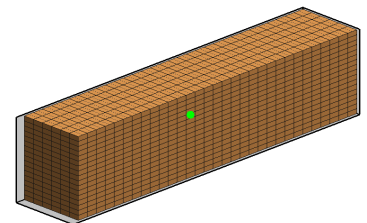
LIGHT DISTRIBUTIONS
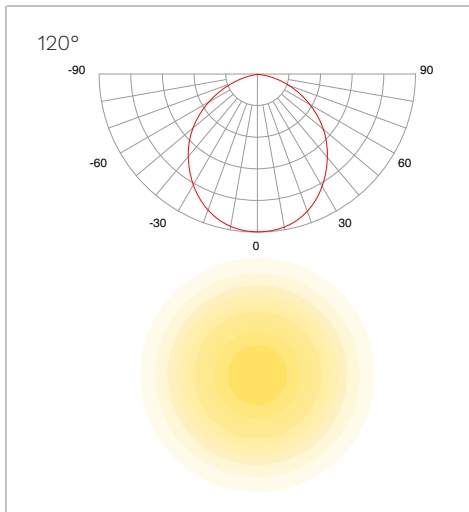
OPTIONAL
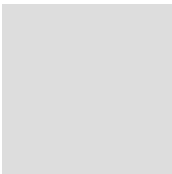
Philips Led Driver

Sosen Led Driver

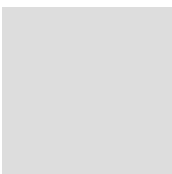Lifud Led Driver
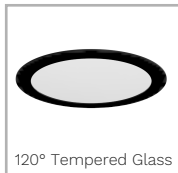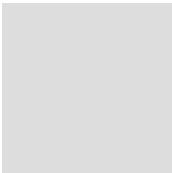
120° Tempered Glass

ACCESSORIES
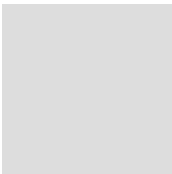
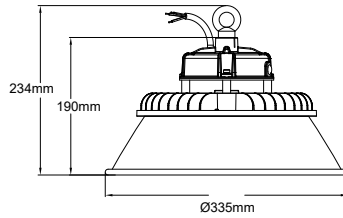Alum Reflector (Standard)

Alum Reflector (Tall)

PC Reflector

Safe Guard

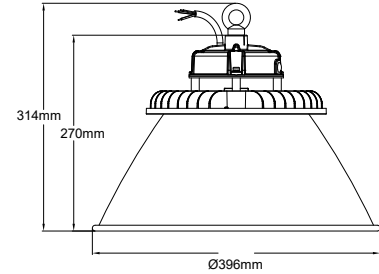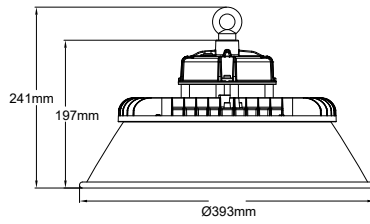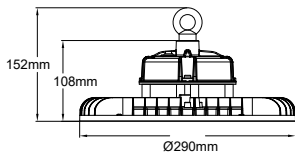Universal Rotatable Bracket

100W

Ø248mm / 153mm / 109mm

234mm / 190mm / Ø335mm

Universal Reflector

314mm / 270mm / Ø396mm

Tall Reflector

150W

152mm / 108mm / Ø290mm

241mm / 197mm / Ø393mm

Universal Reflector

334mm / 289mm / Ø466mm

Tall Reflector

200W

152mm / 108mm / Ø332mm

247mm / 203mm / Ø444mm

Universal Reflector

353mm / 309mm / Ø525mm

Tall Reflector