X3-Series

KEY ADVANTAGES

- Wattage from 100W to 200W optional
- High energy savings compared to systems with traditional discharge lamps
- Robust design
- 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

CE

RoHS COMPLIANT

IK07

IP65

2 YEARS WARRANTY

X-3 SERIES | CHARACTERISTICS

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)

ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	100-277V | 50/60Hz
Power factor (at full load)	0.5
Surge protection options (kV)	2KV-Line-Line 2KV-Line-Earth
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

HOUSING AND FINISH

Housing	Aluminium
Protector	lens
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	RAL 9017 black
Tightness level	IP 65
Impact resistance	IK 07

OPTICAL INFORMATION

LED Type	SMD2835
Beam Angle	90°
Recommended installation height	4m to 10m
Color Tolerance	Ra70 ≤7 Ra80 ≤5
LED colour temperature	5000K / 5700K / 6500k
Colour rendering index (CRI)	CRI>70 standard CRI>80 optional
Upward Light Output Ratio (ULOR)	0%

※Ra measurement tolerance is ±2.

OPERATING CONDITIONS

Operating temperature range (Ta)	-30°C to + 40°C
Operating Humidity	10-90%RH
Mounting Option	Loop Hanging
Warranty	2 years

LIFETIME OF THE LEDS @ TQ 25°C

All configurations	
L70B10	>20,000h
Switching Cycles	>300,000 times

PERFORMANCE

Power	100W/150W/200W
Efficacy	100lm/W / 120lm/W
Start Time	≤0.2S

STANDARD VERSION

POWER	LUMENS	EFFICACY
100W	10,000LM	100LM/W
150W	15,000LM	100LM/W
200W	20,000LM	100LM/W

ALTERNATIVE VERSION

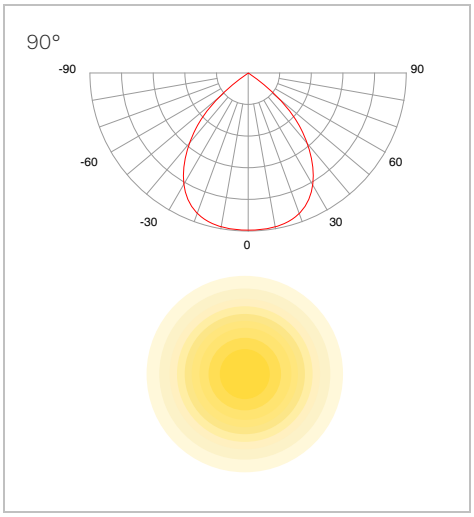
POWER	LUMENS	EFFICACY
100W	12,000LM	120LM/W
150W	18,000LM	120LM/W
200W	24,000LM	120LM/W

※The Performance Data is tested base on 230VAC, 120° and 5000K for all versions
※Power Consumption Tolerance ±5% (Apply to all versions)
※Lumen Efficiency Tolerance ±5% (Apply to all versions)

PACKAGING

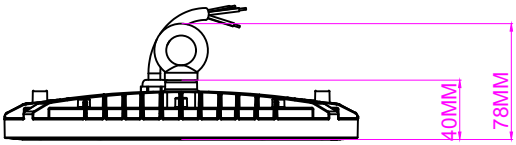
POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
100W	L300*W287*H284mm	5PCS/CTN	0.0244m³	7.5kg	10kg	5315pcs	13495pcs
150W	L350*W300*H347mm	5PCS/CTN	0.0364m³	10kg	12.5kg	3565pcs	9730pcs
200W	L382*W305*H379mm	5PCS/CTN	0.0441m³	13kg	16.5kg	2940pcs	7470pcs

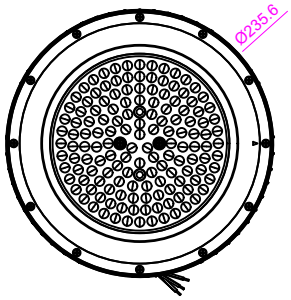
LIGHT DISTRIBUTIONS



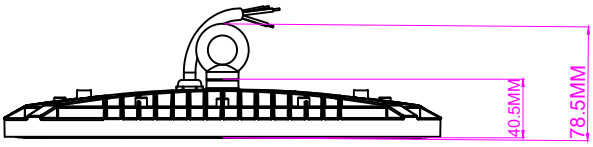
⚠ Connecting the cable requires an IP65 Tightness level

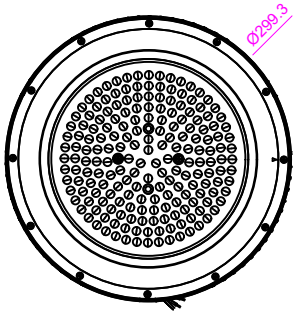
100W



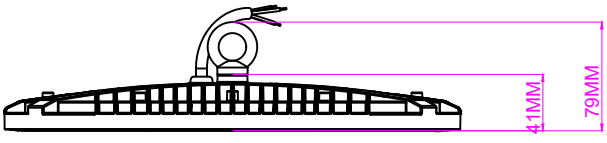


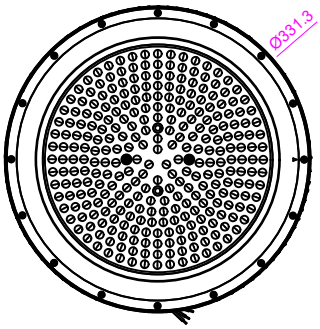
150W





200W





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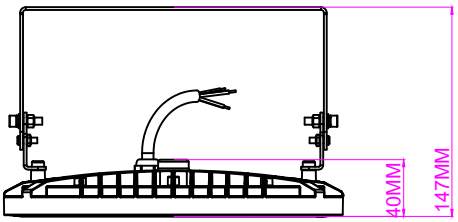
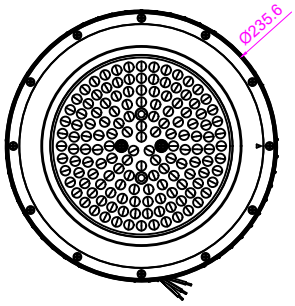
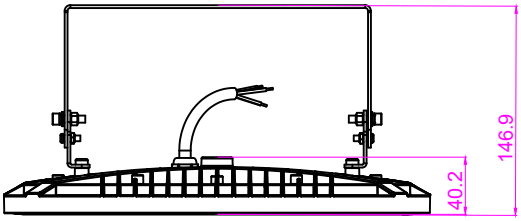
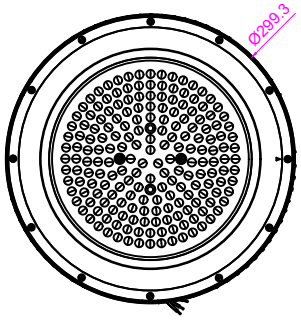
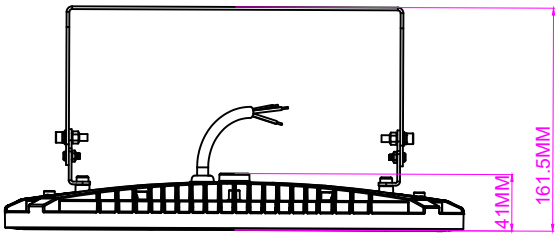
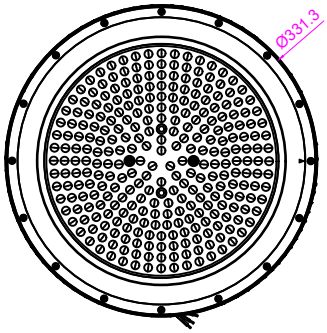




150W





200W