

# X4-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
- 5 year warranty, a reliable & great lifespan DOB!

## TYPES OF APPLICATION

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



CAR PARKS



LARGE AREAS



INDUSTRIAL HALLS & WAREHOUSES



SPORT FACILITIES



## 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	lens
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 + 45°C
Operating Humidity	10-90%RH
Mounting Option	Loop Hanging
Warranty	5 years

## PERFORMANCE

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

## ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	120&230V   50/60Hz
Power factor (at full load)	0.9
Surge protection options (kV)	4KV-Line-Line 4KV-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

## 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.

## LIFETIME OF THE LEDS @ TQ 25°C

All configurations	
L70B10	>50,000h
Switching Cycles	>300,000 times

## STANDARD VERSION

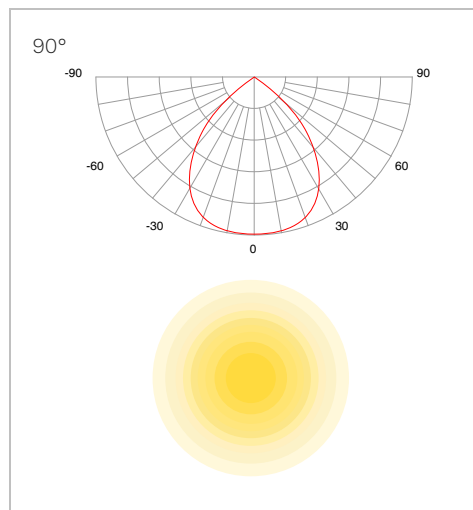
POWER	LUMENS	EFFICACY
100W	12,000LM	120LM/W
150W	18,000LM	120LM/W
200W	24,000LM	120LM/W

※ The Performance Data is tested base on 230VAC, 90° and 5000K for all versions  
 ※ Power Consumption Tolerance ±5% (Apply to all versions)  
 ※ Lumen Efficiency Tolerance ±5% (Apply to all versions)

## PACKAGING

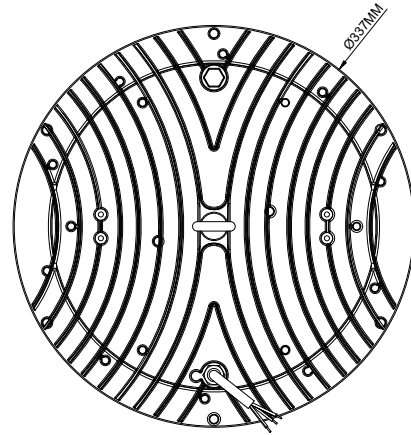
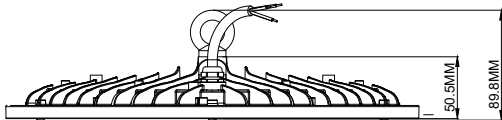
POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
100W	L710*W390*H400mm	10PCS/CTN	1.110m <sup>3</sup>	/	/	2347pcs	5959pcs
150W	L710*W420*H430mm	10PCS/CTN	1.282m <sup>3</sup>	/	/	2028pcs	5147pcs
200W	L760*W450*H460mm	10PCS/CTN	1.573m <sup>3</sup>	/	/	1653pcs	4195pcs

## LIGHT DISTRIBUTIONS

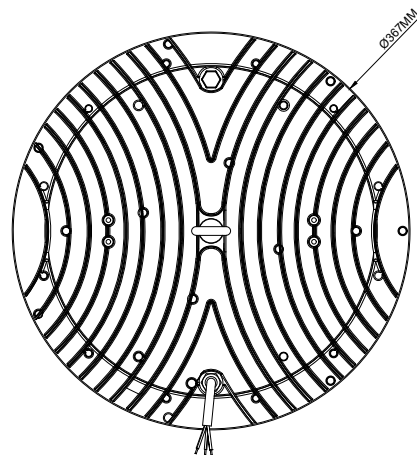
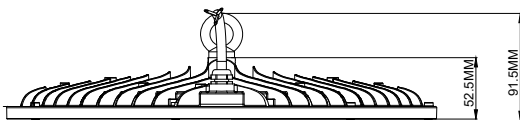


⚠ Connecting the cable requires an IP65 Tightness level

## 100W



## 150W



## 200W

