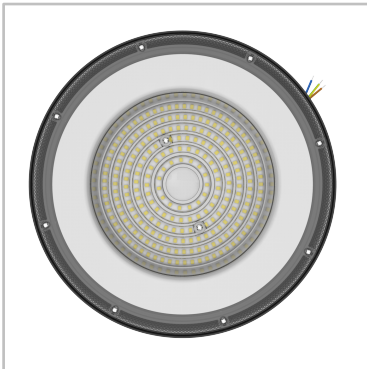


# X5-Series

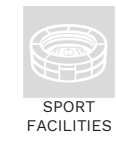


## KEY ADVANTAGES

- 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



## 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 + 40°C
Operating Humidity	10-90%RH
Mounting Option	Loop Hanging Bracket Mounting
Warranty	3 years

## PERFORMANCE

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

## ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	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
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## 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	> 30,000h

## STANDARD VERSION

POWER	LUMENS	EFFICACY
100W	10,000LM	100LM/W(Ra70)
	9,000LM	90LM/W(Ra80)
150W	15,000LM	100LM/W(Ra70)
	13,500LM	90LM/W(Ra80)
200W	20,000LM	100LM/W(Ra70)
	18,000LM	90LM/W(Ra80)

## ALTERNATIVE VERSION

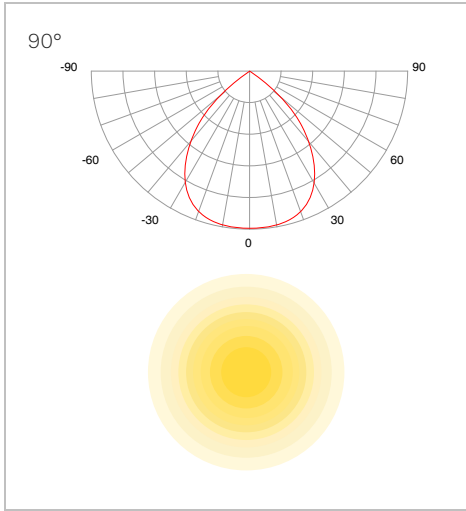
POWER	LUMENS	EFFICACY
100W	12,000LM	120LM/W(Ra70)
	11,000LM	110LM/W(Ra80)
150W	18,000LM	120LM/W(Ra70)
	16,500LM	110LM/W(Ra80)
200W	24,000LM	120LM/W(Ra70)
	22,000LM	110LM/W(Ra80)

※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

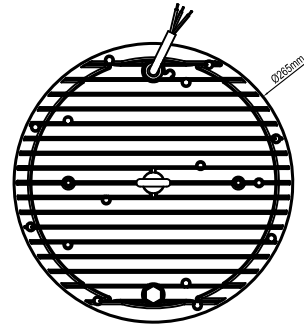
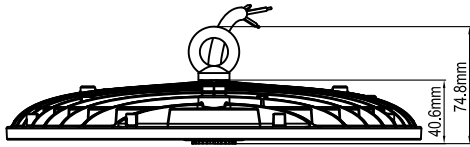
POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
100W	L340*W315*H320mm	5PCS/CTN	0.0343m <sup>3</sup>	7.5kg	10kg	3790pcs	9620pcs
150W	L355*W340*H360mm	5PCS/CTN	0.0435m <sup>3</sup>	10kg	12.5kg	2987pcs	7586pcs
200W	L390*W340*H395mm	5PCS/CTN	0.0524m <sup>3</sup>	13kg	16.5kg	2480pcs	6297pcs

LIGHT DISTRIBUTIONS

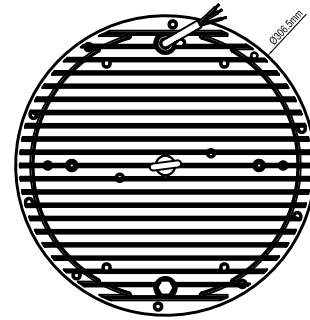
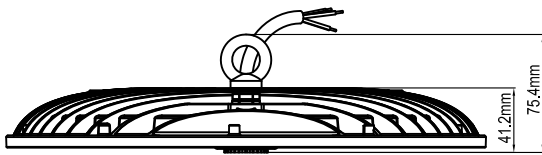


⚠ Connecting the cable requires an IP65 Tightness level

100W



150W



200W

