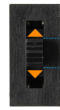
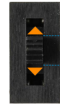


X5-Series



Low end
Mid Range
High-Grade



CW
NW
WW



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



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	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

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

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

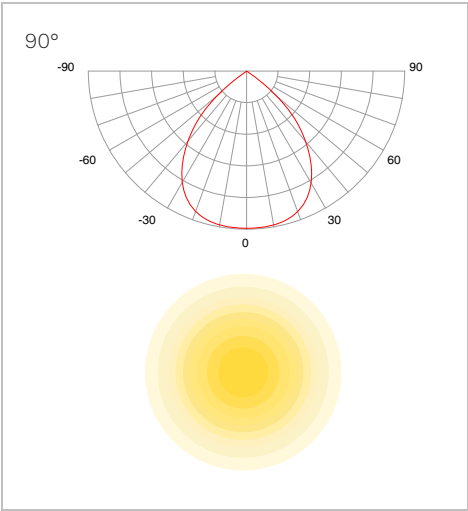
POWER		LUMENS		EFFICACY	
100W		12,000LM		120LM/W(Ra70)	
		11,000LM		110LM/W(Ra80)	
150W		18,000LM		120LM/W(Ra70)	
		16,500LM		110LM/W(Ra80)	
200W		24,000LM		120LM/W(Ra70)	
		22,000LM		110LM/W(Ra80)	

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

PACKAGING

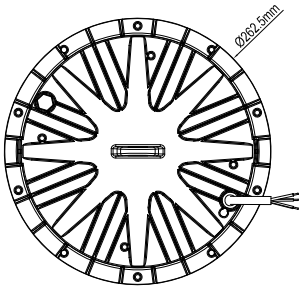
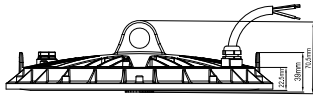
POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
100W	L455*W302*H310mm	5PCS/CTN	0.0426m ³	/	/	3052pcs	7747pcs
150W	L465*W340*H348mm	5PCS/CTN	0.0550m ³	/	/	2363pcs	5998pcs
200W	L465*W378*H385mm	5PCS/CTN	0.0677m ³	/	/	1921pcs	4877pcs

LIGHT DISTRIBUTIONS

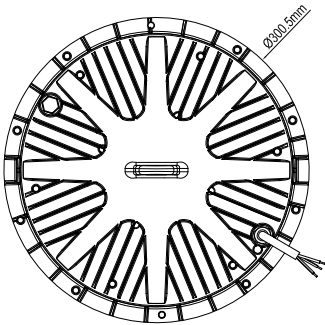
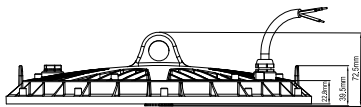


⚠ Connecting the cable requires an IP65 Tightness level

100W



150W



200W

