

SAPPHIRE LED HIGH BAY LIGHT

FEATURES

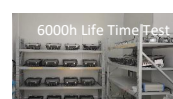
- >> An ideal option for indoor and outdoor use with superb heat dissipation ability combining the anti-corrosion and oxidation resistance surface treatment.
- >> Mature design and competitive pricing. Years of experience in LED high bay light business guarantees the competitiveness as well as the superior performance of Sapphire high bay light.
- >> Superb heat management. The one piece formed ADC12 die casting aluminum provides a better thermal conductivity. Meanwhile, the aerodynamic cooling fins set in a spare pattern and the surrounding convection holes make it easier for air to efficiently flow through the heat sink; all contributes to the achievement of excellent heat management.
- >> .ies/.ldt files are available.



PRODUCT PARAMETER

Model Number	Power Consumption ±10%	Luminous Flux ±10% @5000K	Beam Angle	Light efficiency	Correlated color temperature	RA	IK	IP
FK-IX100-XXXN-FSA	100W	13000lm	60° 90° 110°	130lm/w	4000K 5000K 6500K	RA80	IK08	IP65
FK-IX150-XXXN-FSA	150W	19500lm	60° 90° 110°	130lm/w				
FK-IX200-XXXN-FSA	200W	26000lm	60° 90° 110°	130lm/w				
FK-IX100-XXXN-FSA	100W	15000lm	60° 90° 110°	150lm/w				
FK-IX150-XXXN-FSA	150W	22500lm	60° 90° 110°	150lm/w				
FK-IX200-XXXN-FSA	200W	30000lm	60° 90° 110°	150lm/w				
FK-IX100-XXXN-FSA	100W	16500lm	60° 90° 110°	165lm/w				
FK-IX150-XXXN-FSA	150W	24750lm	60° 90° 110°	165lm/w				
FK-IX200-XXXN-FSA	200W	33000lm	60° 90° 110°	165lm/w				

ErP REQUIREMENT



Instant full light Dimmable	SDCM	Starting Time	Switching cycles	Life Time	L70/B10	Lumen
	<5	<0.5s	15,000h	50,000h	>50,000hrs	>96%

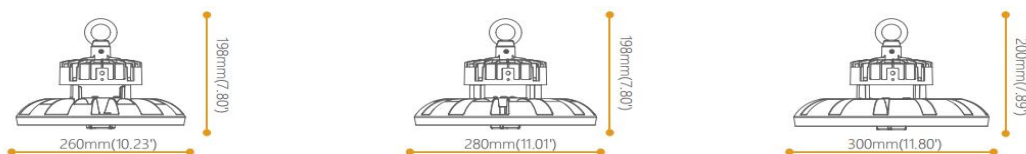
SPECIFICATIONS

LED Vender		Samsung/Seoul/ Sanan		
Driver Vender		Sosen(0-10V)	Lifud (0-10V)	Philips(1-10V)
Type of Driver		Non-isolated	Non-isolated	Non-isolated
Driver Efficiency		up to 93%	up to 95%	up to 94%
Power Factor		≥0.9	≥0.95	≥0.9
THD		≤7%	≤15%	≤10%
Frequency		50/60HZ		
Input Voltage		Sosen 220-240V/100-277V ,Philips 100-277V,Lifud 220-240V		
Input surge protection		4KV		
Material	Structure	Die casting ADC12		
	Bracket	Aluminum		
	Finish	Powder coated		
	Lens	Polycarbonate		
Fixture Color		Matte black		
Warranty		5 years		
Mounting Option		Suspending /Ceiling Mounting/Wall Mounting		
Working Temperature		-30℃~+50℃		
Dimmable		Dimmable/Dimmable with DC12V output		
Intelligent Control		Occupancy/Dimming/DALI/Zigbee/Bluetooth (TUYA system & Casambi system)/Microwave motion sensor& Photoreceptor sensor		

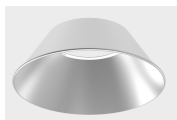
LIGHT DISTRIBUTION CURVE



OUTLINE DRAWING



ACCESSORIES



AL Cover

For 100W/150W/200W
Code:A-0001-0042



PC Cover

For 100W/150W/200W
Code:A-0001-0043



PC Lens

100W/150W/200W
60deg Code:A-
0000-0441 90deg
code:A-0000-0442



Bracket on driver

For 100W/150W
code:A-0000-0439 For
200W code:A-
0000-0440



Smart control module

Microwave motion sensor module
(Code: A-0000-0616)
Zigbee module_TUYA based
(Code: A-0000-0550)
Bluetooth module_TUYA based
(Code: A-0000-0551) Bluetooth
module_Casambi based (Code:A-0000-



Surge protector

Voltage: 100~277VAC
Max discharge Current: 10kA
Surge tolerance: 10kV
Protection Grade: IP67
(Code: A-0000-0210)



IP65 junction box

Housing: 94V-2 Grade
Ampere/Voltage: 24A
450VAC
Wire Diameter: 5-9mm & 9-
12mm
Max. depth of water: 4M
(Code: 74020055)

PACKAGE

Item	Luminaire Net Weight	Packing info	GW (inner box)	Dimmension (outer carton)	GW (outer carton)	20ft GP	40ft GP	40 HQ
100W	2.2kg±0.3kg	1pc/ctn without inner box	3.2 kg±0.3kg	320*320*200mm	3.2 kg±0.3kg	1300pcs	2700pcs	3400pcs
150W	2.5kg±0.3kg		3.7 kg±0.3kg	340*340*200mm	3.7 kg±0.3kg	1150pcs	2400pcs	3000pcs
200W	2.8kg±0.3kg		4.3 kg±0.3kg	360*360*200mm	4.3 kg±0.3kg	900pcs	1800pcs	2350pcs