



Applications

Sporting Facility
Airport
Port

Description

Slimmed-down and amazing cooling structure
Stable cooling structure that points the heat release
Comes in diverse angles of 15, 20, 30 and 45 degrees
Linkage with wired, wireless control systems

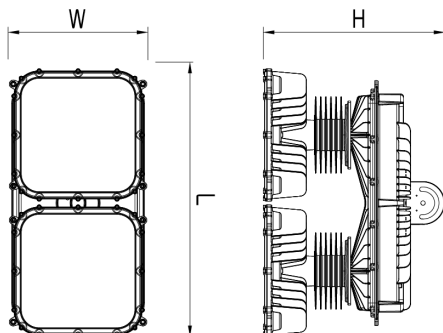
Specifications

Model Name	SFX1K2	
Power Consumption	1200W	
Light Source	High Power LED Chips	
Correlated Color Temperature	5000K (3000K / 4000K / 5700K available)	
Luminous Flux *	126,000 lm	132,000 lm
Luminous Efficacy *	105 lm/W	110 lm/W
LED Driving Current	1000 mA	1000 mA
Color Rendering Index	80 Ra	70 Ra
Light Distribution	15°, 20°, 30°, 40°	
LED Chip Manufacturer	CREE	
Input Voltage	200 ~ 277 Vac	347 ~ 480 Vac
Input Current	Max 7.0A (@200Vac)	Max 4.4A (@330Vac)
Power Factor	≥0.9 at Max load	
Frequency	50 / 60 Hz	
Surge Protection	Line-Line 20KV, Line-FG 20KV	
Driver Type	Constant Current (CC)	
Fixture & Driver Manufacturer	KMW INC. / Made in Korea	
Size (W x L x H)	12.7 x 24.9 x 16.8 (inch)	323 x 632 x 426 (mm)
Weight (Driver included)	70.6 lb	32.0 Kg
Material	Body	Cast Aluminum
	Optic	Silver Coating Reflector
	Cover	Tempered Glass 3.2T (Clear)
Finish	Powder Coating	
IP Rating	IP66	
Mounting Option	Swivel Bracket	
Operating Temperature	-22°F ~ 131°F	-30°C ~ 55°C
Life Time	50,000 Hours (@77°F / 25°C)	
Warranty	5 Years (12 hours usage per day)	

Option

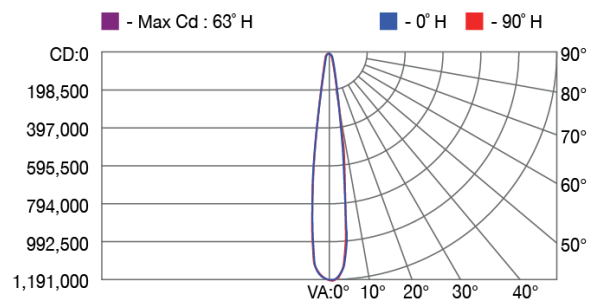
Control System	Wireless (ZigBee) / Wired (RS-485)
----------------	------------------------------------

*Tolerance : ± 5%



Photometry

See photometric .ies files for details.



[5000K / 15° / 70 Ra]

Control System (Optional)

ZigBee		Wireless Control
Input Voltage		15 Vdc
Max. Power Consumption		0.3 W (@15Vdc)
Standard		2.4 GHz - IEEE 802.15.4 (Compatible)
Network		Mesh
RF Tx Power		Max. +8 dBm (Typ. 5 dBm)
Data Rate		250 kbps
Security		128 bit AES Encryption Algorithms
Dimmer		PWM, 0 – 10 Vdc
Antenna		Omni Type, 2 dBi
RS-485		Wired Control
Input Voltage		15 Vdc
Max. Power Consumption		0.2 W (@15Vdc)
Communication Method		RS-485
Data Rate		38400 bps, 8-N-1
Dimmer Level		PWM, 0 – 10 Vdc