



### Applications

Highbay  
Outdoor Pole  
Arm-mounted Area  
Roadway Luminaires  
Sports Lighting

### Description

Excellent Cooling Structure  
High Efficiency Lighting  
NMBF™ Technology – Pin Point Narrow Beam

### Specifications

Model Name	SFX1K2 (A-Type)	
Power Consumption	1200W	
Light Source	3.0W 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
Color Rendering Index	80 Ra	70 Ra
Light Distribution	15° / 30° / 45°	
LED Chip Manufacturer	CREE	
Input Voltage	200 ~ 277 Vac	
Input Current	Max 7.0A (@200Vac)	
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	Anodized	
IP Rating	IP66	
Mounting Option	Swivel Bracket	
Operating Temperature	-22°F ~ 140°F	-30°C ~ 60°C
Life Time	50,000 Hours (@77°F / 25°C)	
Warranty	5 Years (12 hours usage per day)	

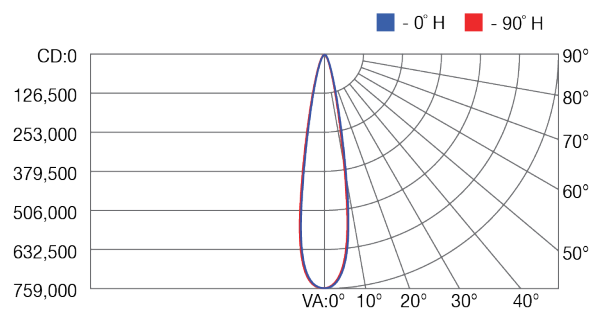
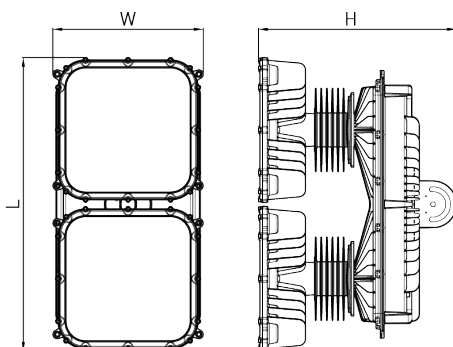
### Option

Control System	Wireless (ZigBee) / Wired (RS-485)
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\*Tolerance : ± 5%

### Photometry

See photometric .ies files for details.



[ 5000K / 15° / 70 Ra ]

## Control System (Optional)

<b>ZigBee</b>		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
<b>RS-485</b>		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