



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		SFX1K0 (A-Type)
Power Consumption		1000W
Light Source		3.0W High Power LED Chips
Correlated Color Temperature		5000K (3000K / 4000K / 5700K available)
Luminous Flux *	105,000 lm	110,000 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 6.0A (@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)

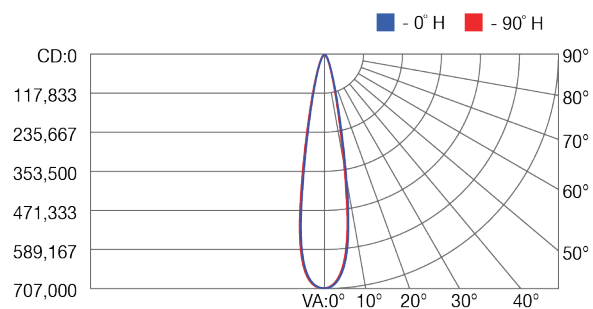
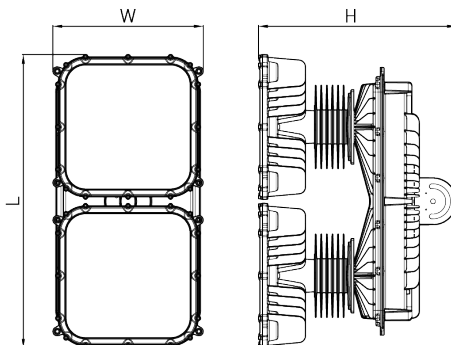
Option

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

Photometry

See photometric .ies files for details.



[5000K / 15°]

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