



**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

<b>Model Name</b>		SFX600 (A-Type)
<b>Power Consumption</b>		600W
<b>Light Source</b>		3.0W High Power LED Chips
<b>Correlated Color Temperature</b>		5000K (3000K / 4000K / 5700K available)
<b>Luminous Flux *</b>	63,000 lm	66,000 lm
<b>Luminous Efficacy *</b>	105 lm/W	110 lm/W
<b>Color Rendering Index</b>	80 Ra	70 Ra
<b>Light Distribution</b>		15° / 30° / 45°
<b>LED Chip Manufacturer</b>		CREE
<b>Input Voltage</b>		200 ~ 277 Vac
<b>Input Current</b>		Max 3.5A (@200Vac)
<b>Power Factor</b>		≥0.9 at Max load
<b>Frequency</b>		50 / 60 Hz
<b>Surge Protection</b>		Line-Line 20KV, Line-FG 20KV
<b>Driver Type</b>		Constant Current (CC)
<b>Fixture &amp; Driver Manufacturer</b>		KMW INC. / Made in Korea
<b>Size ( W x L x H )</b>		12.7 x 15.5 x 16.2 (inch)      323 x 393 x 412 (mm)
<b>Weight (Driver included)</b>		46.3 lb      21.0 Kg
<b>Material</b>	<b>Body</b>	Cast Aluminum
	<b>Optic</b>	Silver Coating Reflector
	<b>Cover</b>	Tempered Glass 3.2T (Clear)
<b>Finish</b>		Anodized
<b>IP Rating</b>		IP66
<b>Mounting Option</b>		Swivel Bracket
<b>Operating Temperature</b>		-22°F ~ 140°F      -30°C ~ 60°C
<b>Life Time</b>		50,000 Hours (@77°F / 25°C)
<b>Warranty</b>		5 Years (12 hours usage per day)

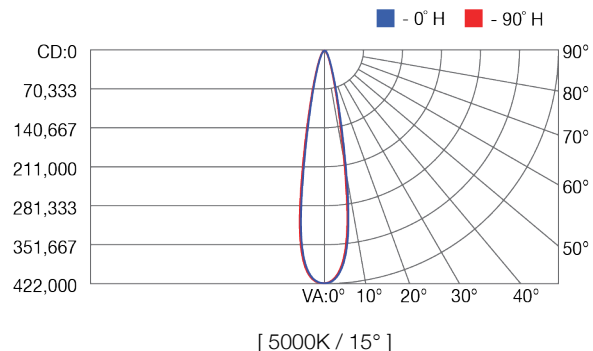
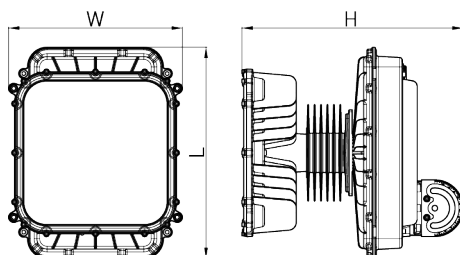
## Option

<b>Control System</b>	Wireless (ZigBee) / Wired (RS-485)
-----------------------	------------------------------------

\*Tolerance : ± 5%

## Photometry

See photometric .ies files for details.



## 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