

LED Flood Lighting

SUFA-X Series

GigaTera[®]
beyond light

SFX600 / SFX500 / SFX200

Product Description

- Best Technology to get high efficacy and less glare optic performance
- Glare free from Narrow beam reflector
- Flicker free proven upto 1,500 fps ultra slow-motion
- High CRI & R9 Content better visibility
- Linkage with wired and wireless control system even for event light control



Application

- Sports Stadium
- Indoor Venues
- Port

Certification

- LM
- UL
- DLC
- KC

SUFA-X Series Specifications

Model Name		SFX600									SFX500								
Power Consumption		600W									500W								
CCT		5700K			5000K			4000K			5700K			5000K			4000K		
Luminous Flux * (lm)		63,000	72,000	78,000	66,000	75,000	81,000	63,000	72,000	78,000	52,000	60,000	65,500	50,000	62,500	67,500	52,000	60,000	65,000
Luminous Efficacy * (lm/W)		105	120	130	110	125	135	105	120	130	105	120	130	100	125	135	105	120	130
CRI		90 Ra	80 Ra	70 Ra	90 Ra	80 Ra	70 Ra	90 Ra	80 Ra	70 Ra	90 Ra	80 Ra	70 Ra	90 Ra	80 Ra	70 Ra	90 Ra	80 Ra	70 Ra
LED Driving Current		923 mA									769 mA								
Light Distribution		15° / 30° / Asymmetric Wide																	
Input Voltage		200 ~ 277 Vac / 220 ~ 240 Vac / 347 ~ 480 Vac																	
Input Current		Max. 3.5A (@200 Vac)									Max.30A (@200Vac)								
		Max. 2.2A (@347 Vac)									Max.19A (@347 Vac)								
Power Factor		≥0.9 at Max load																	
Inrush Current		40A																	
Frequency		50 / 60 Hz																	
Surge Protection		Line – Line 20kV, Line – FG 20kV																	
Driver Type		Constant Current (CC)																	
Fixture Manufacturer		GigaTera Lighting Inc. / Made in Korea																	
Size	inch	12.7 x 15.5 x 16.1																	
	mm	323 x 393 x 409																	
Weight (Driver include)		36.6 lb / 16.6 kg																	
Material	Body	Cast Aluminum																	
	Optic	AL Coating Reflector																	
	Cover	Tempered Glass 3.2T (Clear)																	
Finish		Powder Coating																	
IP Rating		IP66																	
Effective Projec	Front (ft² / m²)	1.226 / 0.113																	
	Side (ft² / m²)	1.056 / 0.098																	
Operating Temperature		-30°C ~ 50°C																	
Option	Control	Wireless (ZigBee) / Wired (RS-485, DMX-512)																	
	Mounting	-																	
	Cover Protection	Stainless steel wire mesh for glass protection																	
Warranty		5 Years (12 hours usage per day)																	

* Tolerance : ± 10%

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SFX600 / SFX500 / SFX200

SUFA-X Series Specifications										
Model Name		SFX200								
Power Consumption		200W								
CCT		5700K			5000K			4000K		
Luminous Flux * (lm)		21,000	24,000	26,000	22,000	25,000	27,000	21,000	24,000	26,000
Luminous Efficacy * (lm/W)		105	120	130	110	125	135	105	120	130
CRI		90Ra	80Ra	70Ra	90Ra	80Ra	70Ra	90Ra	80Ra	70Ra
LED Driving Current		1000 mA								
Light Distribution		15° / 30° / Asymmetric Wide								
Input Voltage		100 ~ 277 Vac / 347 ~ 480 Vac								
Input Current		Max 25A @100Vac)								
		Max 0.75A @347Vac)								
Power Factor		≥0.9 at Max load								
Inrush Current		40A								
Frequency		50 / 60 Hz								
Surge Protection		Line – Line 20kV, Line – FG 20kV								
Driver Type		Constant Current (CC)								
Fixture Manufacturer		GigaTera Lighting Inc. / Made in Korea								
Size	inch	8.1 x 15.1 x 8.6								
	mm	208 x 386 x 220								
Weight (Driver include)		16.5 lb / 7.5 kg								
Material	Body	Cast Aluminum								
	Optic	AL Coating Reflector								
	Cover	Tempered Glass 3.2T (Clear)								
Finish		Powder Coating								
IP Rating		IP66								
Effective	Front (ft² / m²)	0.930 / 0.086								
	Side (ft² / m²)	0.632 / 0.058								
Operating Temperature		-30°C ~ 50°C								
Option	Control	Wireless (ZigBee) / Wired (RS-485, DMX-512)								
	Mounting	-								
	Cover Protection	Stainless steel wire mesh for glass protection								
Warranty		5 Years (12 hours usage per day)								

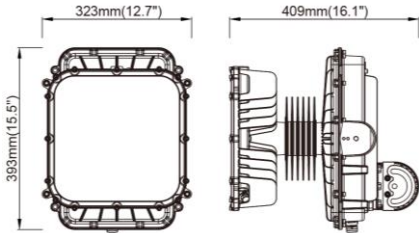
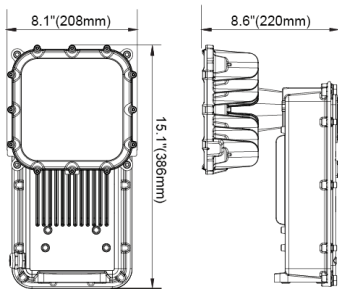
* Tolerance : ± 10%

LED Flood Lighting

SUFA-X Series

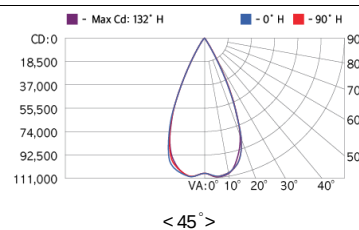
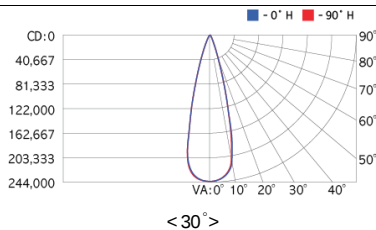
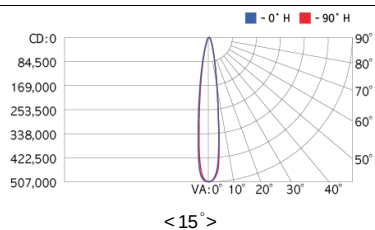
GigaTera®
beyond light

SFX600 / SFX500 / SFX200

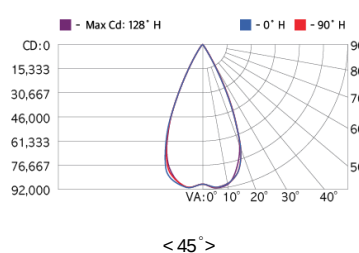
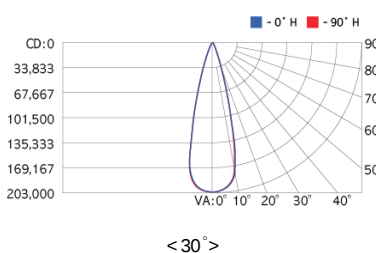
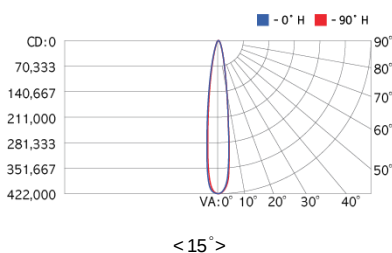
SUFA-X 600W / 500W		SUFA-X 200W	
			
			
Size	12.7 x 15.5 x 16.1 (inch)	Size	8.1 x 15.1 x 8.6 (inch)
	323 x 393 x 409 (mm)		208 x 386 x 220 (mm)

Photometry Data

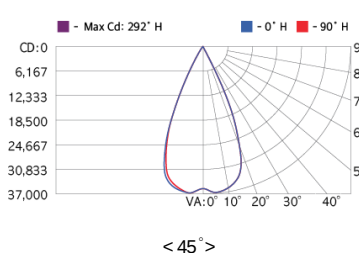
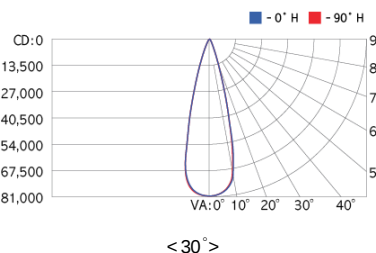
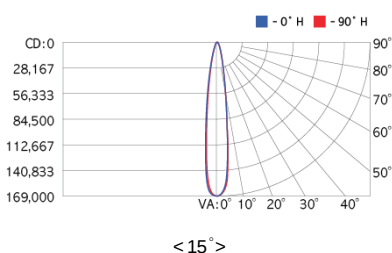
SFX600 / 5000K / 80Ra



SFX500 / 5000K / 80Ra



SFX200 / 5000K / 80Ra



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Control System (Optional)

ZigBee	Wireless Control	
Input Voltage	15 Vdc	
Max. Power Consumption	0.3W (@15 Vdc)	
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	
Antenna	Omni Type, 2 dBi	
Wired Control	RS-485	DMX-512
Input Voltage	15 Vdc	
Max. Power Consumption	0.2W (@15 Vdc)	
Communication Method	RS-485	DMX-512
Data Rate	115,200 bps, 8-N-1	250,000 bps, 8-N-2

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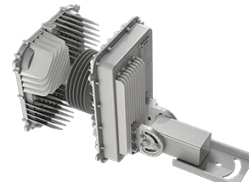
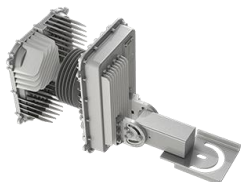
SFX600 / SFX500 / SFX200

Mount Bracket Installation Reference (Optional)

SFX600 / SFX500

KETBKTLC13G1007

KMDLMBK010430



KETBKTLC13G1009



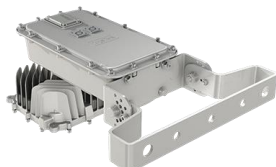
SFX200

KETBKTLC13G1001

KETBKTLC13G1006

Swivel Bracket (Up:90° / Down: 90°)

Surface Mount Bracket



Ordering Information

Ordering Code Usage : SFX600-H500458N

SFX	O O O	-	O	O O	O O O	O	O
	Power Consumption		Input Voltage	CCT (K)	Beam Angle	CRI	Control System
	600 = 600W 500 = 500W 200 = 200W		A = 100 ~ 277V C = 347 ~ 480V D = 220 ~ 240V H = 200 ~ 277V	57 = 5700K 50 = 5000K 40 = 4000K 30 = 3000K	045 = 45° 030 = 30° 015 = 15°	8 = 80 Ra 7 = 70 Ra	Z = Wireless (ZigBee) W = Wired (RS-485) M = Wired (DMX-512) N = None