Product Description

- Ideal for sports facility lighting by cutting off the upward light such as stadium, football and soccer stadium
- Glare free from Narrow beam reflector
- Flicker free proven upto 1,500 fps super slow-motion(SSM)
- High CRI & R9 Content better visibility
- Dimming control using wired communication
- Tilt and rotate for easy aiming

Application

- Sports Complex
- Football Stadium
- Soccer Stadium
- Tennis Court
- Indoor Arenas
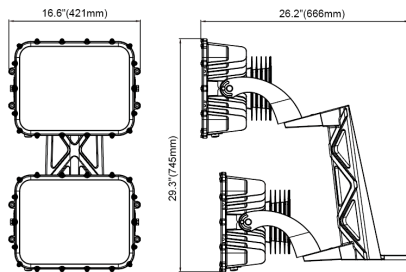
Certification

- UL

SUFA-H Series Specifications

Model Name	SFH1K2			SFH600		
Power Consumption	1,200W			600W		
CCT	5000K (5700K / 4000K / 3000K available)					
Luminous Flux *	114,000 lm	120,000 lm	126,000 lm	57,000 lm	60,000 lm	63,000 lm
Luminous Efficacy *	95 lm/W	100 lm/W	105 lm/W	95 lm/W	100 lm/W	105 lm/W
CRI	90 Ra	80 Ra	70 Ra	90 Ra	80 Ra	70 Ra
LED Driving Current	1,000 mA					
Light Distribution	13°, 20°, 30°					
Input Voltage	DC100V (through RED)					
Driver Type	Constant Current (CC)					
Fixture Manufacturer	GigaTera Inc. / Made in Korea					
Weight (Driver excluded)	57.3 lb / 26.0 kg			22.6 lb / 10.0 kg		
Material — Body	Cast Aluminum					
Material — Optic	AL Coating Reflector					
Material — Cover	Tempered Glass 4.0T (Clear), Anti UV & Dust, Shatter Proof					
Finish	Powder Coating					
IP Rating	IP66					
Effective Projected Area — Front (ft² / m²)	-			1.310 / 0.122		
Effective Projected Area — Side (ft² / m²)	-			0.712 / 0.066		
Operating Temperature	-22°F ~ 131°F / -30°C ~ 55°C					
Warranty	5 Years (12 hours usage per day)					

* Tolerance : ± 5%

Remote Driver Specifications

Model Name	RED1K2	RED600
Power Consumption	1,200W	600W
Compatible Model	SFH1K2	SFH600
Input Voltage	200 ~ 277 Vac / 200 ~ 240 Vac / 347 ~ 480 Vac	
Output Voltage	DC100V	
Input Current	Max. 7.6A (@200 Vac)	Max. 3.8A (@200 Vac)
	Max. 5.0A (@347 Vac)	Max. 2.5A (@347 Vac)
Power Factor	≥0.9 at Max load	
Frequency	50 / 60 Hz	
Surge Protection	Line – Line 20kV, Line – FG 20kV	
Fixture Manufacturer	GigaTera Inc. (Made in Korea)	
Weight — Exclude IP box	28.7 lb / 13.0 kg	22.0 lb / 10.0 kg
Weight — Include IP box	44.1 lb / 20 kg	37.5 lb / 17 kg
Option — Control	Wired (RS-485, DMX-512)	
IP Rating	IP66 (When IP box applied)	
Warranty	5 Years (12 hours usage per day)	

SUFA-H Dimension

	SUFA-H 1200W		SUFA-H 600W
	16.6"(421mm) · 26.2"(666mm) · 29.3"(745mm)		16.6"(421mm) · 8.9"(225.7mm) · 12.5"(318mm)
Size	16.6 x 29.3 x 26.2 (inch)	Size	16.6 x 12.5 x 8.9 (inch)
	421.0 x 745.0 x 666.0 (mm)		421.0 x 318.0 x 225.7 (mm)

Remote Driver Dimension
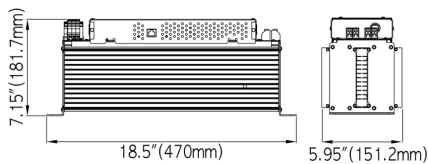
	RED (Wired)		RED IP66 BOX (Optional)
	7.15"(181.7mm) · 18.5"(470mm) · 5.95"(151.2mm)		23.1"(587mm) · 9.7"(246mm) · 9.6"(245mm)
Size	18.5 x 6.0 x 7.2 (inch)	Size	23.1 x 9.7 x 9.7 (inch)
	470.0 x 151.2 x 181.7 (mm)		587.0 x 246.0 x 246.0 (mm)
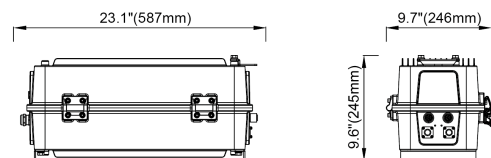
Photometry Data

SFH1K2 / 5000K / 80Ra
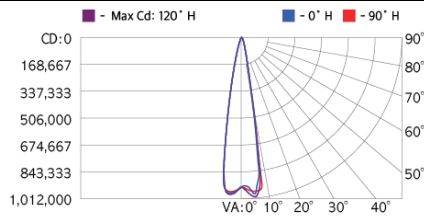
SFH600 / 5000K / 80Ra
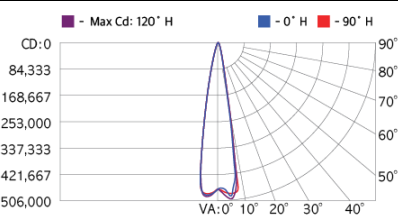
Control System (Optional)

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

Ordering Information — Ordering Code Usage : SFH1K2-V500307

SFH	O O O	-	O	O O	O O O	O
	Power Consumption		Input Voltage	CCT (K)	Beam Angle	CRI
	1K2 = 1,200W **600** = 600W		**V** = DC100V	**57** = 5700K **50** = 5000K **40** = 4000K **30** = 3000K **CT** = Color Tunable	**013** = 13° **020** = 20° **030** = 30°	**9** = 90 Ra **8** = 80 Ra **7** = 70 Ra

Ordering Information — Ordering Code Usage : RED1K2-HVW

RED	O O O	-	O	O	O
	Power Consumption		Input Voltage	Output Voltage	Control System
	1K2 = 1,200W **600** = 600W		**H** = AC200 ~ 277V **C** = AC347 ~ 480V	**V** = DC100V	**W** = Wired(RS-485) **M** = Wired(DMX-512)