

SFX SERIES

OUTDOOR LIGHTING

SFX-G10-800W-45D-RGB

SFX-G10 RGB Stadium Sport Light DMX512 Controlled

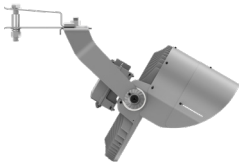


With Slip-Fitter

Main View



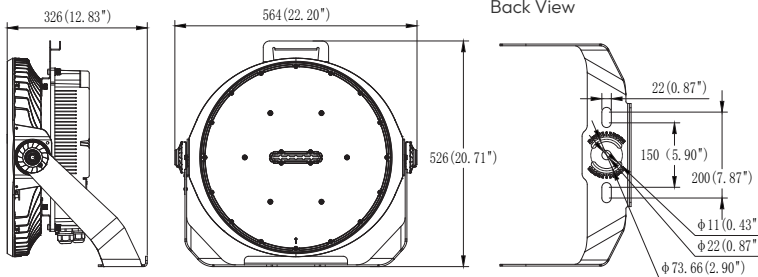
With Visor



With Quick Clamp Adapter



Back View



Technical Drawing: 12.83" (D) x 22.2" (W) x 20.71" (H)

The SFX-G10 RGB Stadium Sport Light is a high-output, DMX512 controlled LED sports fixture designed for stadiums, sports fields, recreational facilities, and high-mast outdoor lighting applications. The RGB light engine supports dynamic color-changing effects through a compatible DMX controller, while the IP66, IK08, and C4-rated construction provides durability for demanding outdoor environments. Optional mounting and optical accessories, including slip fitter, quick clamp adapter, and size-specific visors, allow flexible installation and improved glare control for professional sports lighting projects.

Customer Name:

Project Name:

Note:

Type:

FEATURES:

- DMX512 compatible RGB control for color-changing stadium and sports lighting
- RDM compatible control interface
- Optional visor helps reduce spill light and improve glare control
- Optional slip fitter supports pole-mounted installations
- Optional quick clamp adapter supports horizontal bar mounting
- IP66 rated for outdoor applications
- IK08 impact-resistant construction
- C4 anti-corrosion rated housing for harsh outdoor environments
- UL listed
- DMX controller sold separately

SPECIFICATIONS:

ELECTRICAL:

- Input Voltage: 200-480V AC, 50/60Hz
- Control: DMX512 / RDM compatible
- Dimming: DMX / PWM / 0-10V compatible control interface
- Power Factor: >0.97
- THD: <15%
- Surge Protection: 20KV L-N, 20KV L/N-E
- Driver Type: Constant current
- DMX controller not included
- RGB version uses waterproof connector interface with dedicated daisy-chain dimming connection
- DMX signal connection uses D+ / D- terminals
- Daisy-chain DMX connection terminals provided for D+ and D-
- Wire stripping length: 8-9mm

MECHANICAL:

- Housing Material: Aluminum alloy
- Bracket Material: ZAM/SPCC steel
- Lens Material: Polycarbonate
- Finish: Gray, sand texture
- Ingress Protection: IP66
- Impact Resistance: IK08
- Corrosion Rating: C4, ISO 9223:2012
- Electrical Class: Class I
- Adjustable bracket allows field aiming and angle adjustment
- Standard bracket mounting
- Optional slip fitter for pole mounting
- Optional quick clamp adapter for horizontal bar mounting
- Optional visor accessory available by fixture size
- Safety rope mounting provision shown in installation manual



With Visor

LIGHTING:

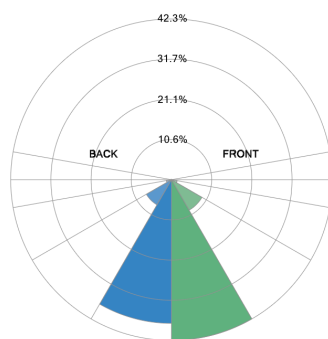
- RGB LED stadium light for dynamic color control applications
- LED Source: LED3535 RGB
- Beam Angle: 45°
- Designed for sports fields, stadiums, recreational fields, and high-mast area lighting
- Optical system designed for targeted illumination with controlled beam distribution

APPLICATIONS:

- Ideal for stadiums, arenas, sports complexes, concert venues, and large-scale outdoor entertainment applications requiring high-output dynamic color lighting with advanced DMX512 control. The SPEC SERIES X GEN RGB Stadium Lights deliver vibrant programmable RGB illumination, synchronized lighting effects, and precision beam control for architectural accents, live events, façade lighting, and broadcast-quality venue presentation. Designed for integration with professional lighting control systems, these fixtures support seamless DMX512 networking for customized scenes, color transitions, and show synchronization while providing high-efficiency performance and durable outdoor reliability.

PHOTOMETRICS

BUG rating



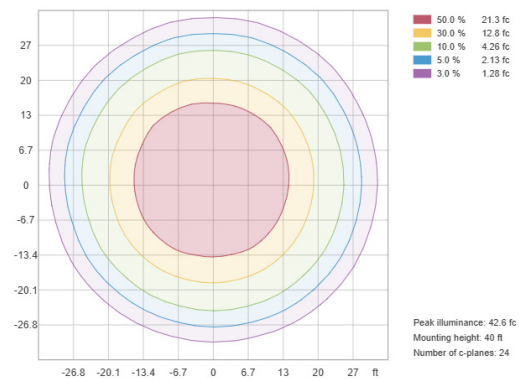
Rating: B5 U0 G2

Forward Light		
Low (0-30°)	18.76	42.3%
Medium (30-60°)	4111	9.26%
High (60-80°)	662.3	1.49%
Very High (80-90°)	57.08	0.129%
Back Light		
Low (0-30°)	16.77	37.8%
Medium (30-60°)	3386	7.63%
High (60-80°)	595.4	1.34%
Very High (80-90°)	42.65	0.0961%
Uplight		
Low (90-100°)	0	0%
High (100-180°)	0	0%
Total		
Sum	44.39	100%

IESNA TM-15-07 Luminaire Classification System For Outdoor Luminaires

BUG Rating: B5-U0-G2

Iso illuminance



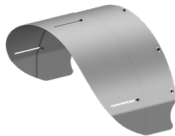
Area 67'x67'

Mounting Height: 40'

PERFORMANCE TABLE

MODEL NO.	WATTAGE	VOLTAGE	LUMENS	COLOR TEMP.	BUG RATING	LPW
SFX-G10-800W-45D-RGB	800W	200-480V	49600	RGB	B5-U0-G2	62LM/W

ACCESSORIES

MODEL NO.	DESCRIPTION	IMAGE
SFX-G10-SF	Slip-Fitter Adapter	
SFX-G10-QC	Quick Clamp Adapter for horizontal bars	
SFX-G10-VISOR-800W	Visor Accessory for 800W	

DMX WIRING NOTE

Standard DMX control wiring uses dedicated D+ and D- signal terminals, with daisy-chain D+ / D- terminals for fixture-to-fixture connection. The RGB version also shows waterproof connector entries for input, output, and daisy-chain dimming.