

FIELD LED 900

MORE POWER.
MORE COOLING.



COLOR TUNABLE
WHITE



GLARE-FREE



BROADCAST
QUALITY



NO PLASTIC
LENSES



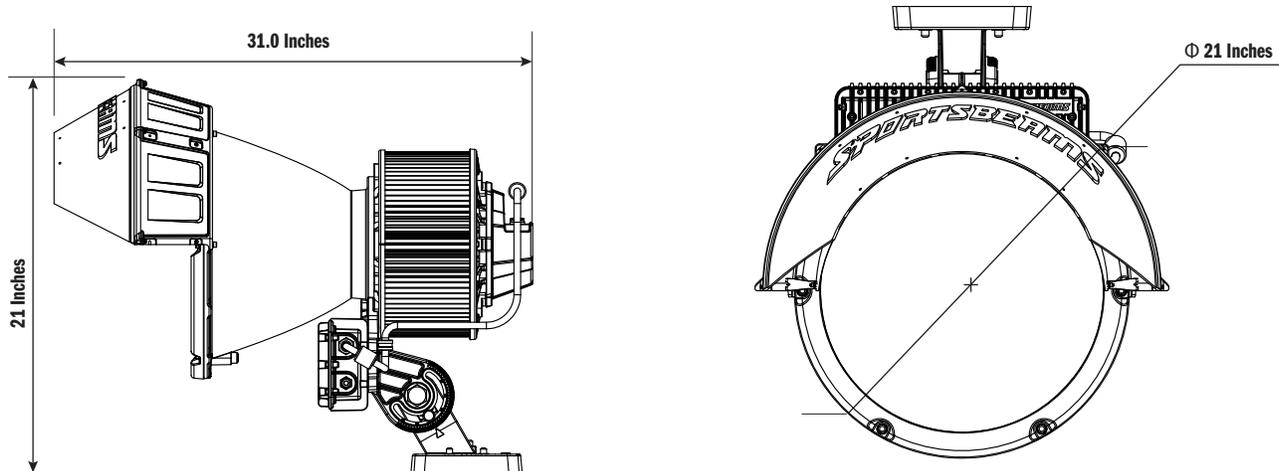
ACTIVE COOLING
SYSTEM



ADVANCED
INTELLIGENCE

- 880W LED illumination
- Color Tunable White Lights
- Patented cooling system
- 106,000+ lumens delivered
- 70 CRI - 90 CRI
- No Plastics in Light Path, or Housing
- Direct DMX Controllable

DIMENSIONS



GENERAL SPECIFICATIONS

PRODUCT NAME	FIELD LED 900
BEAM TYPES	NEMA 3, NEMA4, NEMA5, NEMA6
APPLICATION	Indoor/Outdoor Sports Lighting
IP GRADE	IP66
AMBIENT TEMPERATURE	-40 ° F to +122 ° F
CERTIFICATIONS	CE, ETL, ROHS, LM79, 3G, UL, ik08, CB, KC, UL 924

MECHANICAL

DIMENSIONS	31" x 21" x 21"
MOUNTING	Yoke Mount
YOKE MATERIAL	Aluminum Alloy
PCB MATERIAL	MCPCB
LAMP HOUSING MATERIAL	Aluminum Alloy
LENS MATERIAL	Tempered Glass
LENS TYPE	Transparent & Diffusive
FIXTURE WEIGHT	55 lbs
WIND LOAD	EPA @ front = 1.73 with visor

POWER SUPPLY

INPUT	Voltage Range	177V - 305V, 320 - 480V
	Frequency Range	50-60 Hz
	PF	>0.95
	THD	<15%
	Inrush Current	>40A
	Operation Current	4.2A@220V; 2.9A@480V
	Maximum Power	930W
OUTPUT	DC Voltage	51V
	Current Range	16.8A
PROTECTION	Overload	YES
	Over Voltage	YES
	Over Temperature	YES
	IP -Grade	IP-66
	Surge Protection	L-N 5.5KV, LN-PE 11KV

LIGHT ENGINE

CCT	2700k to 6500k (option)
CRI	70 80 90 (option)
LUMINAIRE EFFICIENCY	≥120LM/W (70CRI)
DELIVERED LUMENS	106,099
FLICKER	<1%
DIMMING	0~100%
LUMEN MAINTENANCE (LED)	L80 ≥100,000 hrs
DIMMING RESOLUTION	<1W

SPORTSBEAMS

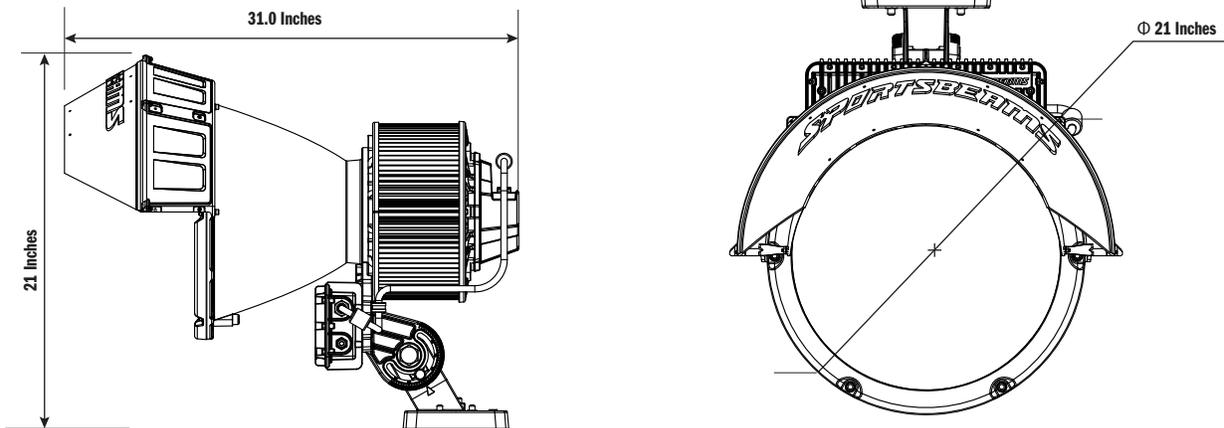
1.888.905.6680

sales@sportsbeams.com | www.sportsbeams.com



PROJECT NAME:	TYPE:
PREPARED BY:	DATE:
DRIVER INFO:	
Type	Constant Voltage
177V - 305V	Available
320V - 525V	Available
Input Watts	880W
Current Range	16.8A
Output DC	51V
Efficiency	93%
THD	<15%
LED INFO:	
Watts	880W
Color Temp	2700 to 6500
Color Accuracy	70 to 90+ CRI
L80 Lifespan	100,000
Maximum Lumen	106,099
Maximum Efficacy	120 LPW

DIMENSIONS



TECHNICAL SPECIFICATIONS

CERTIFICATIONS

UL Listing:

Suitable for wet locations.

Other Certifications:

CE, ETL, ROHS, LM79, 3G, UL, ik08, CB, KC, UL 924



OPTICAL

Optics Types:

Symmetrical
Asymmetrical (w/visor)

NEMA Types:

NEMA 2W, NEMA 3, NEMA 4, NEMA 5, NEMA 6

LED

Dimming:

0 ~ 100%

Flicker:

<1%

CONSTRUCTION

IP Rating:

Ingress protection rating of IP66 for dust and water

Maximum Ambient Temperature:

Suitable for use in +122°F

Effective Projected Area:

EPA = 1.73 with visor, 1.93 without visor

Thermal Management:

Heat Sink, Heat Pipes, Industrial Fan

Lens:

Tempered glass, transparent & diffusive

Housing:

Aluminum Alloy

Mounting:

High grade steel yoke mount

Reflector:

Parabolic Reflector

Weight:

55lbs

ELECTRICAL

Ballast Volts:

177-305V & 320-525V

Drivers:

Inrush Current: <40A
Operating Current 4.2A@220V; 2.9A@480V
Voltage: 177-305V, 320-525V
Surge Protection: L-N 5.5KV, L/N-PE 11KV
Over Voltage Protection: Yes, Adjustable
Over Temperature Protection: Yes, Automatic
PF: >0.9
THD < 15%

OTHER

Control:

Direct DMX with M/F XLR 3-Pin Connectors

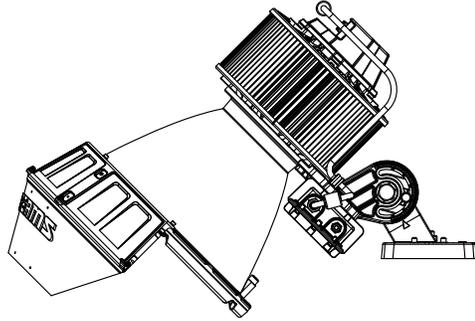
Warranty:

10 Years Standard, Others Available

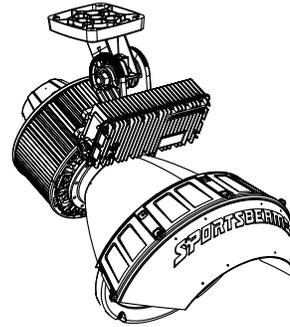
Visor:

Included

MOUNTING OPTIONS



TOP MOUNT



UNDERSLUNG

ORDERING MATRIX

	WATTAGE	NEMA TYPE	COLOR TEMP	CRI	DRIVER OPTION	FINISH
S	900	3	5700*	70*‡	277*	G
		3 = 3H x 3V	2700 = 2700k	70 = 70CRI	277 = 177V - 305V	G = Gray
		4 = 4H x 4V	3000 = 3000k	80 = 80CRI	480 = 320V - 525V	
		5 = 5H x 5V	3500 = 3500k	90 = 90CRI		
		6 = 7H x 7V	4000 = 4000k			
			5000 = 5000k			
			5700 = 5700k			
			6500 = 6500k			

*Standard Configuration
‡70CRI min/77CRI max

SAMPLE SKU
S900-3-5700-70-277-G

KEY FEATURES

- 880W LED illumination
- 106,000+ lumens delivered
- No plastics used in the light path
- Ethernet-to-DMX controllability to each fixture
- Glare-reducing, patented single glass optic for even field lighting
- High 90+ CRI color fidelity option
- Built-in over temperature protection
- IP-66 weather-tight housing & system
- Patented cooling ensures years of uninterrupted service
- 100,000+ hour rated LEDs
- IP-67 proprietary power supply with surge protection

NO GLARE

Athletes can see the action with our lights. Our single, glass optic lights every playing surface evenly with smooth, clear light.

UP TO 106,000 LUMENS

The Sportsbeams Field LED 900 delivers a powerful 106,000 lumen beam efficiently and with significant control.

VARIOUS COLOR TEMPERATURES

While our standard color temperature is 5700k, we can produce custom orders with temperatures ranging from 2700k to 6500k.

ABSOLUTELY RUGGED

Like all of our fixtures, the Sportsbeams Field LED 900 is built for all outdoor conditions. We do complete salt spray and 3G (shock & vibrate) tests from verified laboratories.

ADVANCED COOLING SYSTEM

Our advanced cooling system ensures that the Sportsbeams Field LED 900 will operate consistently, year after year. Heat destroys LED fixtures fast. Our design stops damaging heat in its tracks.