

# CHROMABEAMS LED 900

**SPORTSBEAMS**

PROJECT NAME:

TYPE:

PREPARED BY:

DATE:



## KEY FEATURES

- 885W LED illumination
- 93,000+ lumens tunable white from 1800k - 10000k
- Full-color RGB
- No plastics used in the light path
- DMX 512 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
- 120,000+ hour rated LEDs
- IP-66 proprietary power supply with surge protection

**SPORTSBEAMS**

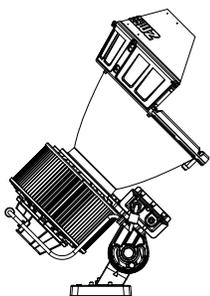
## CHROMABEAMS LED 900

RGB-AW LED Sports Lighting Fixture

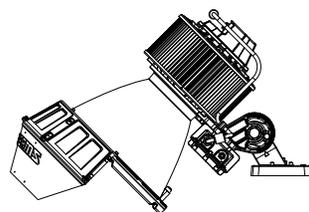
## TYPICAL INSTALLATIONS

- Stadiums
- Scholastic Sports Fields
- Arenas and Auditoriums
- Convention Center Halls
- Building Wall Washes
- High Mast

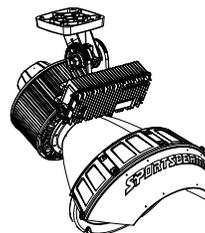
## MOUNTING OPTIONS



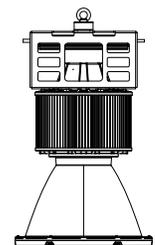
TOP MOUNT UP



TOP MOUNT DOWN

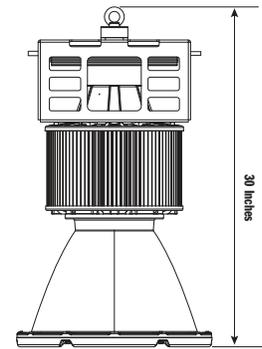
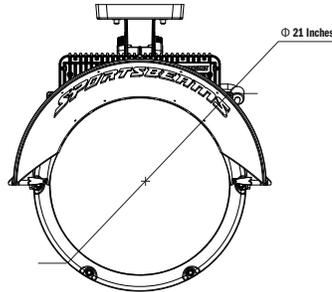
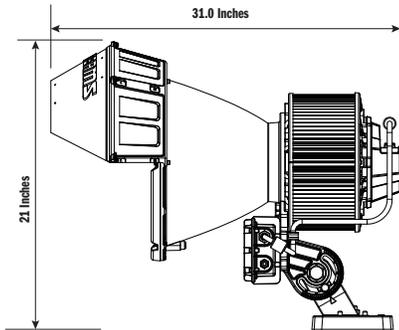


UNDERSLUNG



PENDANT MOUNT

## DIMENSIONS



## TECHNICAL SPECIFICATIONS<sup>1</sup>

### LIGHT & OPTICS

LUMEN OUTPUT RANGE	61204 ~ 93500
LUMEN-TO-WATT RANGE	90 ~ 129 lm/W
CRI/TLCI OPTIONS <sup>2</sup>	70/75 or 90/85
CCT OPTIONS	2200K ~ 6000K
NEMA OPTIONS	3/4/5/7

### ELECTRICAL

SYSTEM POWER	880W
FREQUENCY RANGE	45~66 Hz
INPUT VOLTAGE (LOW VOLTAGE)	176V ~ 305V
INPUT VOLTAGE (HIGH VOLTAGE)	277V ~ 500V
DC VOLTAGE	51V
CURRENT RANGE	16.5A Max
POWER FACTOR	0.9 @ 277V
THD	<15%
INRUSH CURRENT	<40A
ELECTRICAL CERTIFICATIONS	FCC, CE, ETL, IK08, CB, KC, UL 924
SURGE PROTECTION	L-N 5.5kV ~ L-N-PE 11kV
OVER TEMPERATURE PROTECTION	AUTOMATIC RECOVERY
OVER VOLTAGE PROTECTION	RECOVERY AFTER POWER CYCLE
OVER LOAD PROTECTION:	AUTOMATIC RECOVERY

### CONSTRUCTION

OPERATING TEMPERATURE RANGE	-40°C to +40°C
USAGE ENVIRONMENTS	INDOOR, OUTDOOR
MOUNTING OPTIONS	PEDESTAL, PENDANT
ENVIRONMENTAL CERTIFICATIONS	ROHS, FCC, SALT SPRAY (MIL-STD-810)
VIBRATION	ANSI C136.31-2010 3G
EFFECTIVE PROJECTED AREA (EPA)	1.93(ft <sup>2</sup> ) WITH OR WITHOUT VISOR
APPROXIMATE WEIGHT	55lbs

### NOTES

(1) Specifications are subject to change without notice  
 (2) Values are +/- 5%

(3) Values are +/- 4% when fixture is operated at 25°C ambient  
 (4) Weight may vary depending on mounting bracket

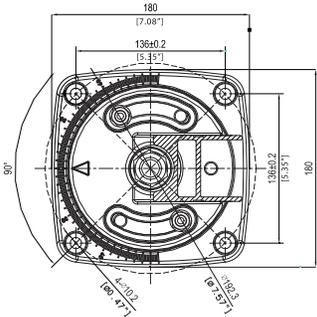
NEMA	NATIVE TEMP	CRI	LUMENS
<b>CHROMABEAMS</b>			
3	5700K	75	93500
3	5700K	90	76506
4	5700K	75	92565
4	5700K	90	75741
5	5700K	75	84150
5	5700K	90	68855
7	5700K	75	74800
7	5700K	90	61205

## ORDERING MATRIX

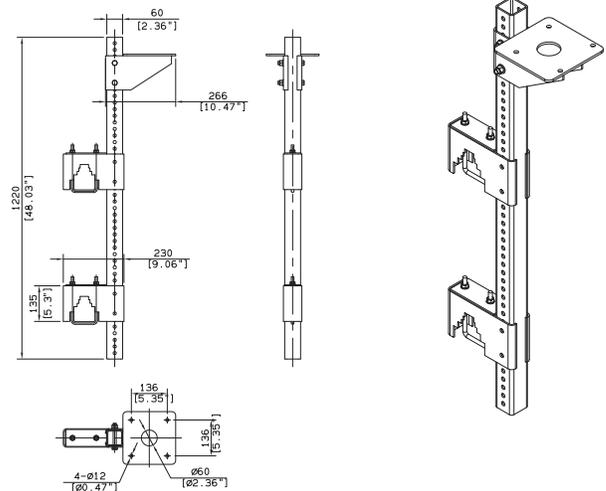
BRAND	FAMILY	MODEL	NEMA TYPE	NATIVE CCT	CRI	INPUT VOLTAGE	MOUNT	FINISH
<b>S</b>	<b>900</b>	<b>C</b>	<b>4</b>	<b>5000</b>	<b>80</b>	<b>L</b>	<b>S</b>	<b>G</b>
		<b>M = MONO</b> <b>C = CHROMA</b>	<b>3 = 3H x 3V</b> <b>4 = 4H x 4V</b> <b>5 = 5H x 5V</b> <b>7 = 7H x 7V</b>	<b>3000 = 3000K</b> <b>4000 = 4000K</b> <b>5000 = 5000K</b> <b>5700 = 5700K</b>	<b>75 = 75CRI</b> <b>90 = 90CRI</b>	<b>L = 176V - 305V</b> <b>H = 249V - 528V</b>	<b>S = Standard</b> <b>P = Pendant</b>	<b>G = Gray</b> <b>BK = Black</b>

**MOST COMMON SKU**  
S900-C-4-5700-75-L-S-G

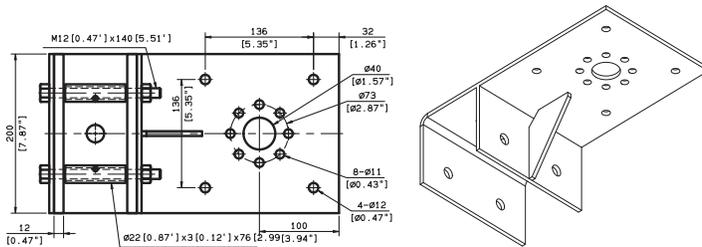
### FIXTURE BASE



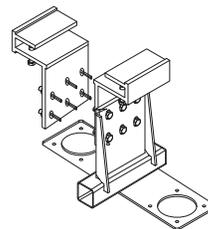
### CATWALK MOUNT



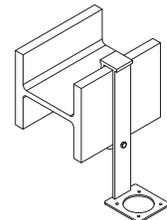
### RETROFIT CROSS ARM CLAMP



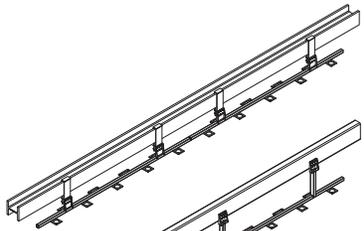
### STANDARD I-BEAM MOUNT



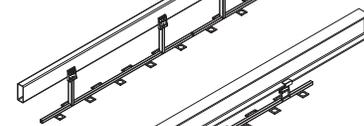
### HORIZONTAL I-BEAM MOUNT



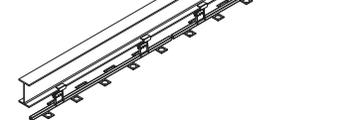
### HORIZONTAL I-BEAM MOUNT



### RECTANGULAR BEAM MOUNT



### I-BEAM MOUNT



### 3-FIXTURE CROSS ARM FOR POLE

