



**SPORTSBEAMS**

# ULTRANOVA CHROMABEAMS

THE MOST POWERFUL AND TECHNOLOGICALLY ADVANCED  
SPORTS LIGHTING FIXTURE IN THE WORLD



GLARE-FREE



BROADCAST  
QUALITY



NO PLASTIC  
LENSES



OPTIMAL  
THERMAL DESIGN



ADVANCED  
INTELLIGENCE



COLOR TUNABLE  
WHITE



FULL  
PRE-MIXED RGB



## KEY FEATURES

- 2200W LED illumination
- 260,000+ 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
- 95+ CRI, 95+ TLCI, <1% SDCM
- 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

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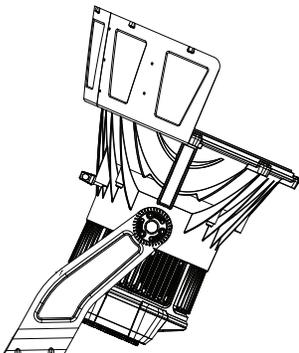
# ULTRANOVA CHROMABEAMS

RGB-AW LED Sports Lighting & Architectural Fixture

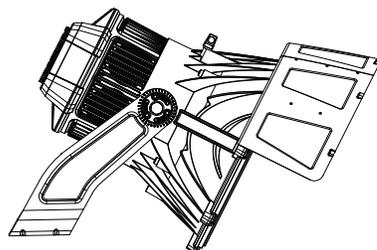
## TYPICAL INSTALLATIONS

- Stadiums
- Scholastic Sports Fields
- Municipal Sports Fields
- Building Wall Washes
- High Mast

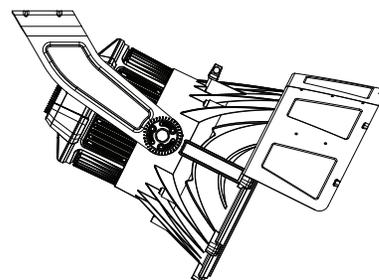
## MOUNTING OPTIONS



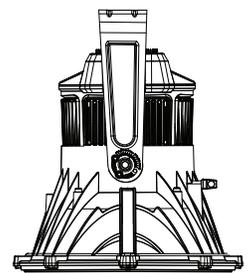
TOP MOUNT UP



TOP MOUNT DOWN

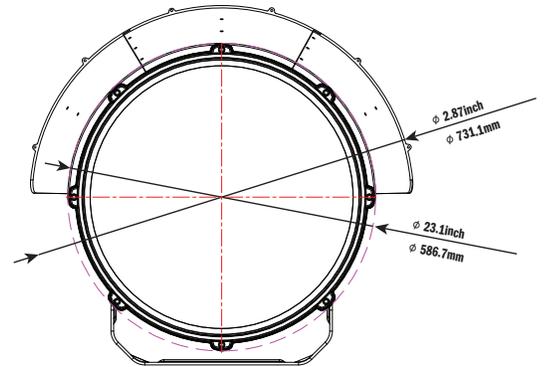
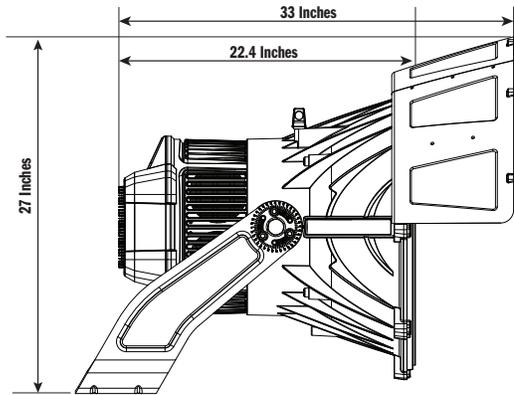


UNDERSLUNG



PENDANT MOUNT

## DIMENSIONS



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

### LIGHT & OPTICS

LUMEN OUTPUT RANGE	199,116 ~ 260,683
LUMEN-TO-WATT RANGE	93 ~ 118 lm/W
CRI/TLCI OPTIONS <sup>2</sup>	80/80 90/90 95+/95+ OPTION
CCT RANGE	1800 ~ 10000K
NEMA OPTIONS	2/3/4

### ELECTRICAL

SYSTEM POWER <sup>3</sup>	2200W
FREQUENCY RANGE	45~66 Hz
INPUT VOLTAGE	200V ~ 480V
DC VOLTAGE	54V
CURRENT RANGE	8.0A @ 277V
POWER FACTOR	>0.9
THD	<20%
INRUSH CURRENT	<75A
ELECTRICAL CERTIFICATIONS	FCC, CE, ETL, CB, SAA, UL 924
SURGE PROTECTION	220VAC: L-N 5.5kV ~ L-PE 11kV 480VAC: L-N 4kV ~ L-N-PE 6kV
OVER TEMPERATURE PROTECTION	AUTOMATIC RECOVERY
OVER VOLTAGE PROTECTION	RECOVERY AFTER POWER CYCLE
OVER LOAD PROTECTION:	AUTOMATIC RECOVERY

### CONSTRUCTION

OPERATING TEMPERATURE RANGE	-40°C to +50°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 <sup>4</sup> AREA (EPA)	3.59(ft <sup>2</sup> ) WITH OR WITHOUT VISOR
APPROXIMATE WEIGHT	78lbs

(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

## WHITE LUMEN CHART

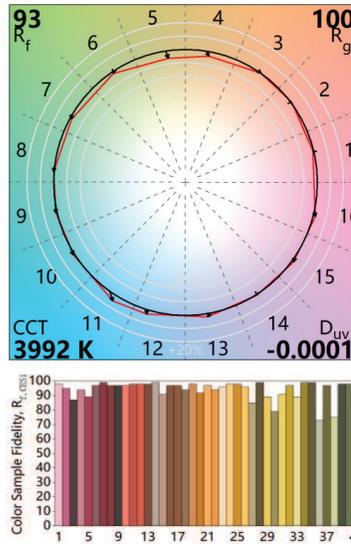
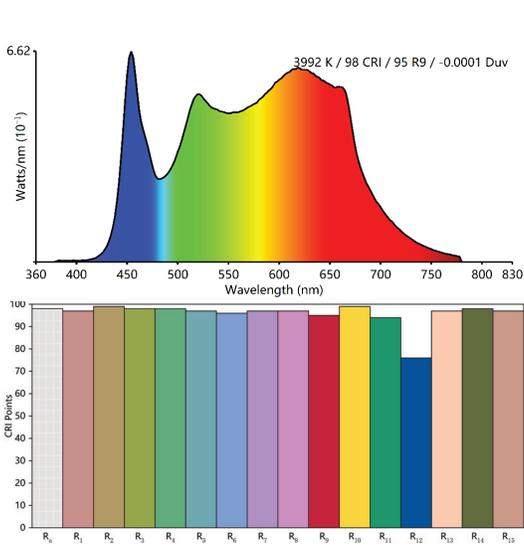
NEMA	TEMP	CRI	LUMENS
2	4000K	80	256,189
2	5000K	80	256,189
2	5700K	80	256,189
2	4000K	90	215,217
2	5000K	90	215,217
2	5700K	90	215,217
2	4000K	95+	201,466
2	5000K	95+	201,466
2	5700K	95+	201,466
3	4000K	80	260,683
3	5000K	80	260,683
3	5700K	80	260,683
3	4000K	90	218,993
3	5000K	90	218,993
3	5700K	90	218,993
3	4000K	95+	205,000
3	5000K	95+	205,000
3	5700K	95+	205,000
4	4000K	80	253,200
4	5000K	80	253,200
4	5700K	80	253,200
4	4000K	90	212,707
4	5000K	90	212,707
4	5700K	90	212,707
4	4000K	95+	199,116
4	5000K	95+	199,116
4	5700K	95+	199,116

## RGB LUMEN CHART

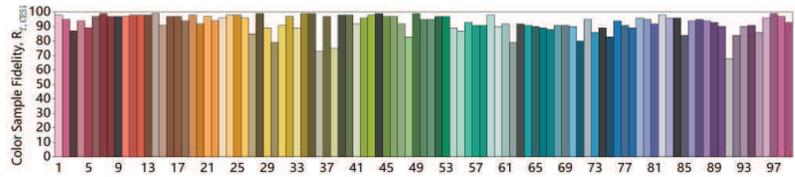
COLOR	LUMENS
RED	16,150
GREEN	38,189
BLUE	15,250

## COLOR RENDERING INDEX RESULTS

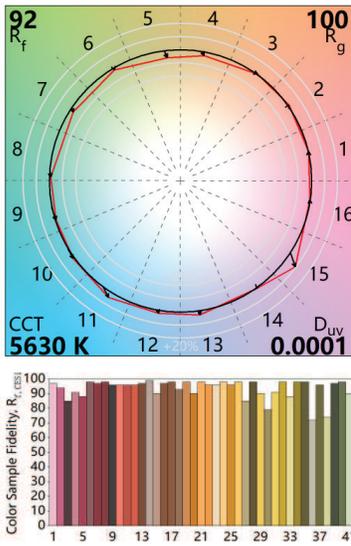
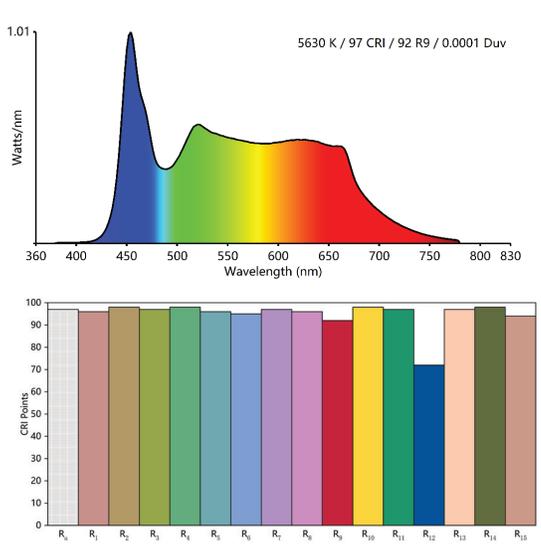
### IES TM-30-18 COLOR RENDITION REPORT @4000K CRI 95+



Direct spectrum input : CCT = M3992 (0.0)  
TLCI-2012 : 98 (M3992)



### IES TM-30-18 COLOR RENDITION REPORT @5600K CRI 95+



Direct spectrum input : CCT = D5630 (-0.6)  
TLCI-2012 : 98 (D5630)

