

DESCRIPTION

The Arena Pro series LED lighting solution by Ephesus takes sports lighting to a whole new level. Our innovative optics and advanced color-tuning technology can create a warmer, richer light ideal for basketball and other court sports, or a cooler light more desirable for hockey. What's more, the Arena Pro technology can easily be adjusted to deliver picture perfect lighting for any other special event your arena hosts.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction

Solid-state design means no moving parts and nothing to wear out or replace, providing maintenance-free operation for hundreds of thousands of hours.

Color temperature tuning technology

Tunable color temperature designed for multi-use facilities that desire a single light. Reduces the need for filtering required for HD broadcasting and results in the clearest picture while maintaining foot candles delivered and simplifying setup for camera crews.

Electrical

Ultra-low EMI noise generation eliminates interference with surrounding electrical systems.

Enhanced lensing and options

More precise optics reduce stray light and allow for dramatic light cutoff (per NBA specifications). Optional scoreboard visor available.

Exceeds national HDTV requirements

Zero flicker up to 8K frames per second for super-slow motion recording. High TLCI and CRI for more true-to-life colors.

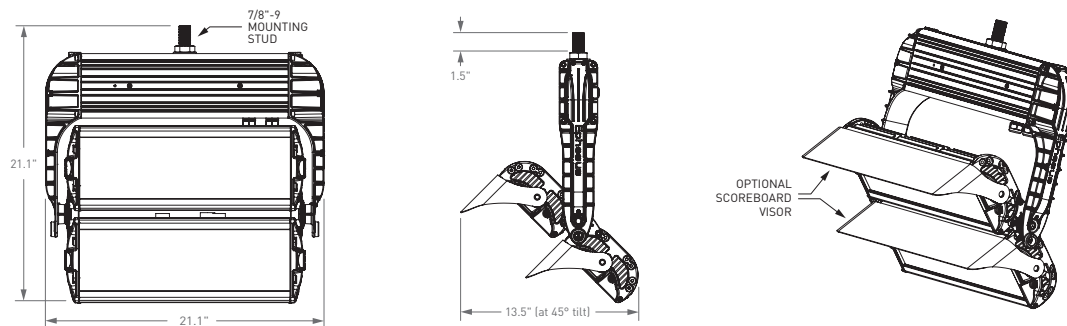


ARENA PRO SERIES

SPORTS LIGHTING



DIMENSIONS



ARENA PRO 300 SHOWN WITH CENTER STUD MOUNTING OPTION

CERTIFICATION DATA

IP66 Rated
RoHS Compliant

ENERGY AND PERFORMANCE DATA

	Arena Pro 600	Arena Pro 300	Arena Pro 190
Lumen Output	59,000	30,000	16,500
System Wattage	600	300	190
Input Voltage	Low voltage: 120-277 VAC High voltage: 347-480 VAC		
L70 Hours	>225,000 hours		
Operating Temperature	-40 degrees C to +50 degrees C		
Surge (Common Mode/Differential Mode)	120-277 VAC: 4 kV/2 kV 347-480 VAC: 6 kV/4 kV		
IP Rating	IP66		
Color Temperature Tuning Range	3500K-6500K		
EPA* (aimed down)	0.86 ft²	1.79 ft²	2.86 ft²
EPA* (aimed vertically)	1.74 ft²	2.67 ft²	4.15 ft²
Approximate Weight	47 lbs. (21.31 kg)	31 lbs. (14.06 kg)	18 lbs. (8.16 kg)

NOTES:

1. Unless otherwise indicated, specifications were obtained in a 25°C ambient test environment. Changes in options, features and conditions may result in slightly different performance specifications among fixtures.
2. Weight may vary depending on mounting bracket selection.
3. Pure power is required to ensure proper function and lifetime of Eaton fixtures. Prior to installation, an analysis should be performed to verify site power meets these requirements.
 - High frequency voltage should be below -40dB or .01V between 3KHz and 100KH.
 - High frequency current should be below -50dB or .019A between 3KHz and 100 KHz.
 If the power does not meet these criteria, waveform correction technology should be used to condition the power. Surge protection alone is not adequate. Eaton will not be liable for damage to fixtures due to poor power quality. Consult your lighting representative at Eaton for more information.
4. If aiming orientation is uncertain, design with "worst case" value. Contact Ephesus for more information.
5. AirBurst requires 100m line of sight to transmitter

ORDER LOGIC

Arena Pro 600

Product Code VS = Arena Pro	Mounting M = Multi-mount CS = Center Stud	LEDs 256 = 256	Drive Current 750 = 750	Optics 5 = 5 5N = 5N 5W = 5W 5EL = 5EL 5EW = 5EW	Voltage VL = low voltage (120-277VAC) VH = high voltage (347-480VAC)	CCT CT = Color Tuning	Cabling CO6 = 6"	Lens S = Solite G = Glass	Control LB = LandBurst wired DMX, dual XLR connector LBO = LandBurst wired DMX, single cable AB = AirBurst wireless DMX, no cable
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Arena Pro 300

Product Code VS = Arena Pro	Mounting M = Multi-mount CS = Center Stud	LEDs 128 = 128	Drive Current 750 = 750	Optics 5 = 5 5N = 5N 5W = 5W 5EL = 5EL 5EW = 5EW	Voltage VL = low voltage (120-277VAC) VH = high voltage (347-480VAC)	CCT CT = Color Tuning	Cabling CO6 = 6"	Lens S = Solite G = Glass	Control LB = LandBurst wired DMX, dual XLR connector LBO = LandBurst wired DMX, single cable AB = AirBurst wireless DMX, no cable
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Arena Pro 190

Product Code VS = Arena Pro	Mounting M = Multi-mount CS = Center Stud	LEDs 64 = 64	Drive Current 900 = 900	Optics 5 = 5 5N = 5N 5W = 5W 5EL = 5EL 5EW = 5EW	Voltage VL = low voltage (120-277VAC) VH = high voltage (347-480VAC)	CCT CT = Color Tuning	Cabling CO6 = 6"	Lens S = Solite G = Glass	Control LB = LandBurst wired DMX, dual XLR connector LBO = LandBurst wired DMX, single cable AB = AirBurst wireless DMX, no cable
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