

THE EPHEBUS ADVANTAGE

UNDERSTANDING THE DIFFERENCE AND WHAT IT MEANS FOR YOUR VENUE



Powering Business Worldwide

For a full breakdown of the complete advantage Ephesus sports lighting provides, refer to the chart below. The solid-state advantage is clear, and it's an edge that only Ephesus gives you.

	COMPETITOR	EPHESUS
Most efficient power-to-light conversion	NO	YES
Integrated power supply	NO	YES
Reduced electromagnetic interference EMI	NO	YES
Standby-power draw	8%	<1%
Enhanced thermal management	NO	YES
Precisely directed light	NO	YES
Glare reduction	NO	YES
Unintended-shadow reduction	NO	YES
Light-spill reduction	NO	YES
Single-fixture color-temperature tuning	NO	YES
4k and 8k broadcast optimized	NO	YES
HDTV broadcast optimized	NO	YES
Dimming from 1-100%	NO	YES
Superior scheduling options	NO	YES
Two-way communications options	NO	YES
Wireless communication options	NO	YES
Remote upgrade capability	NO	YES
Remote monitoring & alert capability	NO	YES
More light with minimal fixtures	NO	YES
Less maintenance	NO	YES
Aerodynamic wind resistance	NO	YES
ROHS compliant	NO	YES
Number of components to install	2	1

In recent years, solid-state design has transformed LED sports lighting from a promising-but-developing technology into the new standard: It eliminates moving parts to reduce wear and tear, requires less power to produce greater output, generates less heat to extend the life of components, and takes up less space. From today's smart phones to TVs and PCs and now sports lighting, solid-state technology powers your everyday life — without it, you're left behind.

EPHESUS ALL FIELD |



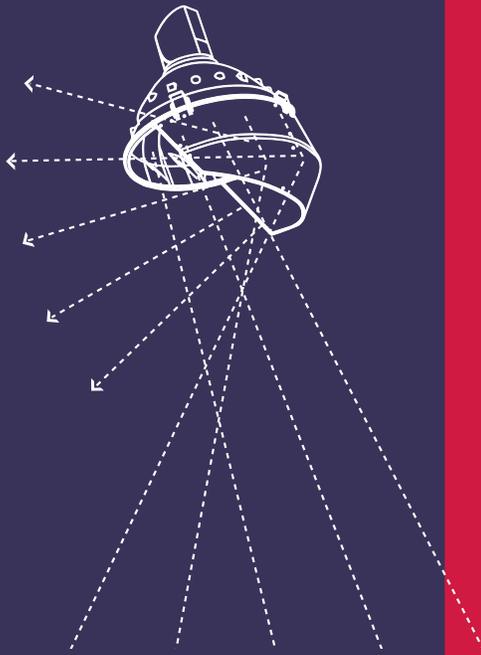
OPTICS: 10X BETTER



REFLECTED LIGHT

Competing lights employ outdated reflective technology that bounces light off the fixture walls, resulting in harsh glare and wasteful light spill. This inefficient approach requires more fixtures and wastes energy.

COMPETITOR



< WASTED LIGHT

DIRECTED LIGHT

Our precisely engineered optics aim light directly onto the field of play, to shine uniformly and to minimize glare. Outdoor venues benefit from less light spill, reduced skyglow, and fewer complaints from the neighbors.



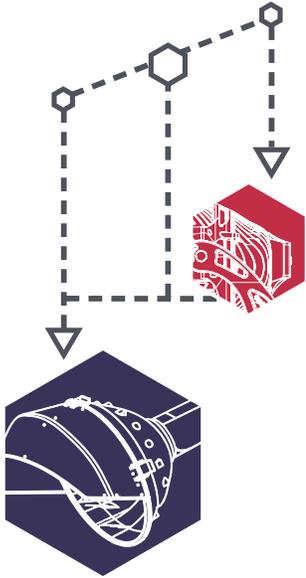
10x
LESS SPILL

EPHESUS



INSTALLATION:

FRACTION OF THE UNITS, FRACTION OF THE WEIGHT



COMPETITOR

CUMBERSOME

Our competitors' lights often weigh well over 100 lbs. This can easily add six tons or more to the total system weight. Then there is the bulky, heavy remote power supply to install, with associated wiring and installation headaches. These lights will make you jump through hoops just to install an inferior product.

EPHESUS

PLUG AND PLAY

Our lights are significantly lighter than our competitors', which provides a variety of benefits. This allows us to retrofit venues more easily, upgrading the fixtures to LED while lowering costs by generally using the existing infrastructure. In larger venues, the reduced weight makes installation easier, and, it saves enough weight to accommodate additional theatrical lighting and/or pyrotechnics.



POWER SUPPLY:

COMPETITION WASTES POWER EVEN WHILE TURNED OFF

COMPETITOR

REMOTE

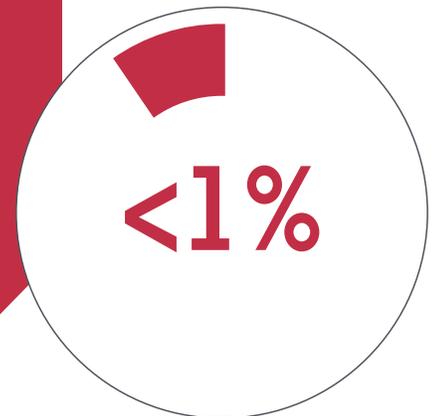
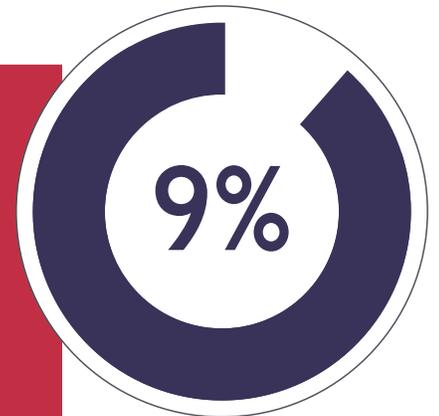
Our competitors still cling to remote power supplies, which are proven to be incredibly inefficient. Their standby power draw is far higher than our solution. Their power supply also lacks modern thermal-management design, leading to frequent repairs and a reduced lifespan. They also introduce more electrical interference into the venue.

EPHESUS

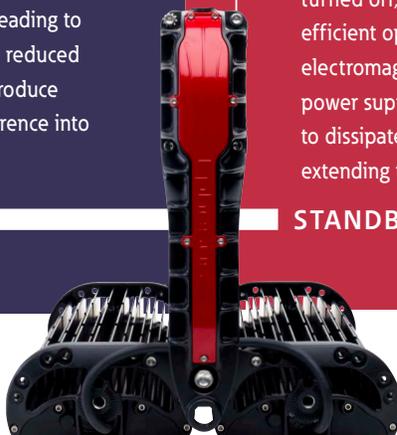
INTEGRATED POWER SUPPLY

Ephesus' smaller power supply is integrated within the fixture, providing a host of advantages: It reduces overall fixture weight, it draws less than 1% power while turned off, and it allows for more efficient operation while minimizing electromagnetic interference. Our power supplies are also engineered to dissipate heat efficiently, greatly extending the system's life.

STANDBY POWER DRAW >



EPHESUS ARENA PRO |





SYSTEM INTELLIGENCE: YESTERDAY'S TECH VS DIGITAL WIRELESS CONTROL

<p>COMPETITOR</p> <p>DIAL-UP MODEM</p>	<p>EPHESUS</p> <p>Our lights are capable of two-way communications, allowing you not only to control functions like scheduling, dimming, and effects but also to monitor the entire system, check up on specific zones, and conduct pinpoint diagnostics of individual fixtures, all in real time.</p> <p>TWO-WAY COMMUNICATIONS</p> <p>WIRELESS COMMUNICATION OPTIONS</p> <p>HEALTH & STATUS MONITORING</p> <p>REMOTE MONITORING WITH INSTANT ALERTS</p> <p>REMOTE UPGRADES</p> <p>< COMMUNICATION FEATURES</p>
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FAN EXPERIENCE: EPHESUS IS BETTER FOR FANS ON THREE LEVELS

<p>COMPETITOR</p> <p>FLAT: COMPETITOR FAILS TO MEET THE BROADCAST MINIMUM</p> <p>With limited dimming capability, and with no ability to color-temperature-tune the lights, our competition simply cannot give you the performance you need. Their lights are subpar even before considering broadcasting in 4k or 8k and super-slow-motion replay.</p>	<p>EPHESUS</p> <p>DYNAMIC</p> <p>Ephesus gives you full control over the lighting in your venue, so you can create dynamic effects, dim to 1% luminosity, and color temperature tune between warm and cool lighting with the push of a button — a must-have for broadcasting multiple sports within the same venue. Color lighting makes the excitement of the lighting second only to the game.</p> <p>BETTER EFFECT BETTER PICTURE BETTER COLOR</p> 
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FOCUSED ON A BRIGHTER FUTURE

Ephesus was founded on the belief that we can make the world happier and healthier with lighting solutions that contribute to brighter, more vibrant, and more sustainable environments. Through our uncompromising commitment to innovative, insight-driven engineering, we provide the solutions and support to help people confidently create more positive and productive experiences in the places they live, work, and play.

KEEPING IT GLOBAL, SAFE, AND SUSTAINABLE

Eaton provides energy-efficient solutions that help our customers effectively manage electrical, hydraulic, and mechanical power more efficiently, safely, and sustainably. Eaton has approximately 96,000 employees and sells products to customers in more than 175 countries. Eaton is committed to creating and maintaining powerful customer relationships built on a foundation of excellence. From the products we manufacture to our dedicated customer service and support, we know what's important to you.

To learn more, visit ephesuslighting.com or call 800-573-3600



Eaton's Ephesus Lighting
125 East Jefferson Street
Syracuse, NY 13202
P: 800-573-3600
www.eaton.com/ephesus

Specifications and
dimensions subject to
change without notice.

BR528002EN
May | 2017