



LI-TIAN LIGHTING

LT-SD Family

Multiple
lumen output
options



*Our goal was to make the future brighter,
lighter, and most of all, affordable.*

The LT-SD Family delivers clearer, better-quality light. It's designed to be maintenance free, and is small and lightweight enough to be mounted on your existing infrastructure, likely saving you a bundle on materials and labor.

It outperforms all other municipal, high school, collegiate, and semiprofessional outdoor LED field lighting solutions in efficiency, brightness, glare control, light spill, and sky glow. And, with fewer fixtures consuming far less energy, The LT-SD Family is more efficient at directing light on the field than HID.

MORE LIGHT LESS HARDWARE



The highly efficient The LT-SD Family deliver more foot-candles of illumination with fewer overall fixtures. The LT-SD Family shines continuous, bright, evenly distributed light without the hot spots you get with HID. Now everyone – players, photographers, broadcasters, and fans – can keep their eye on the ball.

OPTICS

The precisely engineered optics aim light to uniformly illuminate the field with less light spill. We use advanced materials to maximize light transmittance and protect the fixtures from the elements. This all helps the optics control glare as well as reduce wasted light and complaints from the neighbors.

SOLID-STATE DESIGN

Our unique solid-state design is simple but state-of-the-art. With no moving parts, no bulbs to burn out, and no ballasts to replace, The LT-SD Family is all but unbreakable – built to endure.

THERMAL MANAGEMENT

The unique materials and fixture design dramatically improve thermal management, protecting All Field from heat which can potentially degrade system performance.

MODULARITY

The installation process is a breeze. Designed to fully use your existing infrastructure. Not only does this minimize installation time, it eliminates the expense for new poles, demolition, engineering, and foundations, reducing overall cost greatly.

GLARE CONTROL

The LT-SD Family low glare shields provide industry leading glare reduction with minimal effect on light output.

SURGE

Built in surge suppression adds an additional layer of protection for the luminaire's driver and electronic components.

ZERO INTERFERENCE

Our advanced circuitry is not affected by and does not create disturbances such as electro-magnetic or radio frequency interference, so surrounding systems operate just as they always have.

BEAM SPREADS

The Intercept is available in two beam spreads: 15° and 30°. The variety of beam spreads are excellent for large venue applications and precise areas that require specialized illumination.

WITH GREAT POWER COMES GREAT LIGHT

The LT-SD Family uses advanced technologies that are the most efficient in converting electricity to light, saving power but producing more light.

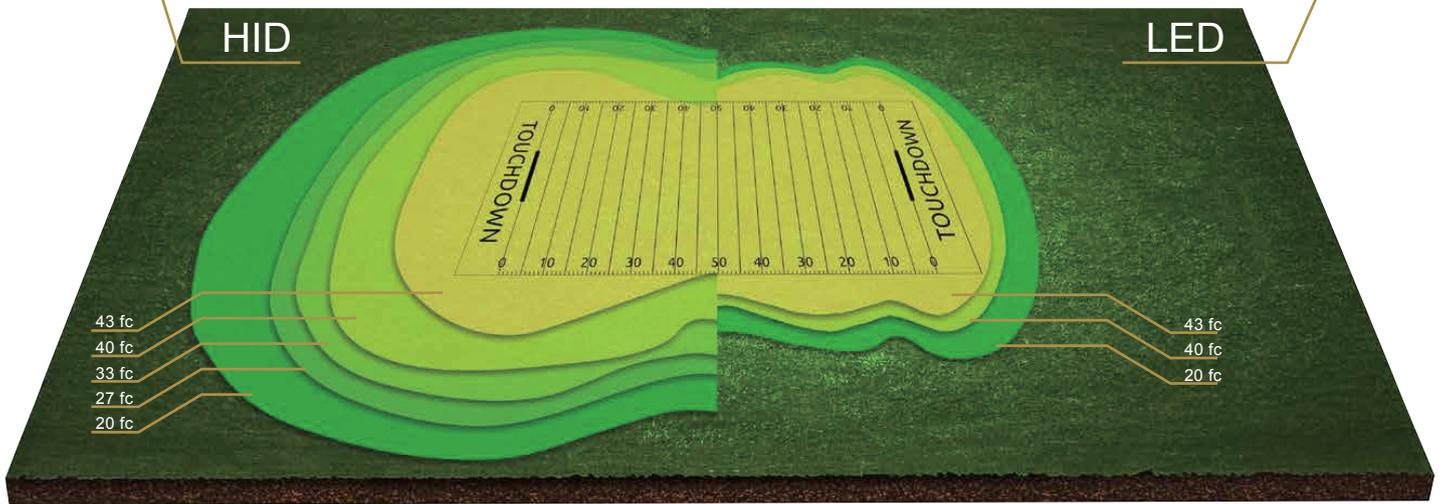
ELEVATE YOUR GAME Performance

Legacy HID systems provided excellent initial light levels and uniformity, but difficult to contain illumination to the field.

This presents challenges in reducing the spill light surrounding the field.

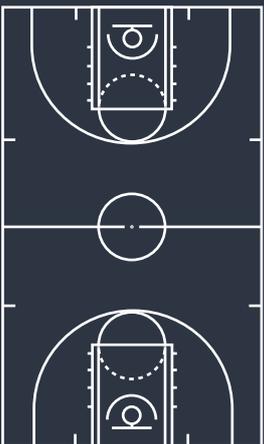
LT-SD Family LED optics are recessed in a low glare shield providing the perfect combination of optical accuracy and cutoff.

When aimed on the field, this results in excellent light levels and uniformity throughout the life of the system, as well as a significant reduction in spill light.

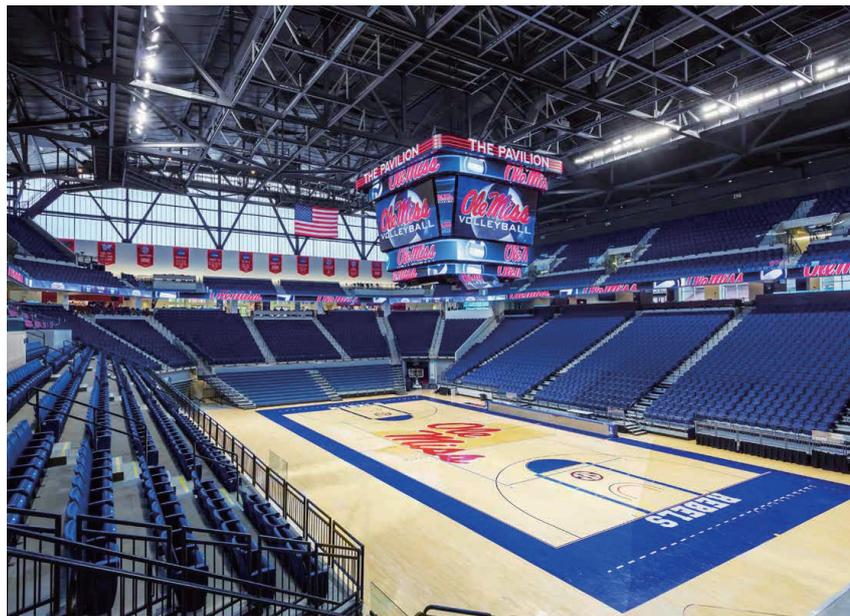
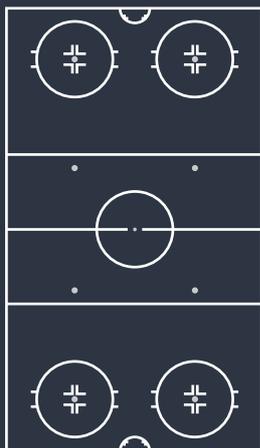


INDOOR SOLUTIONS

BASKETBALL



HOCKEY



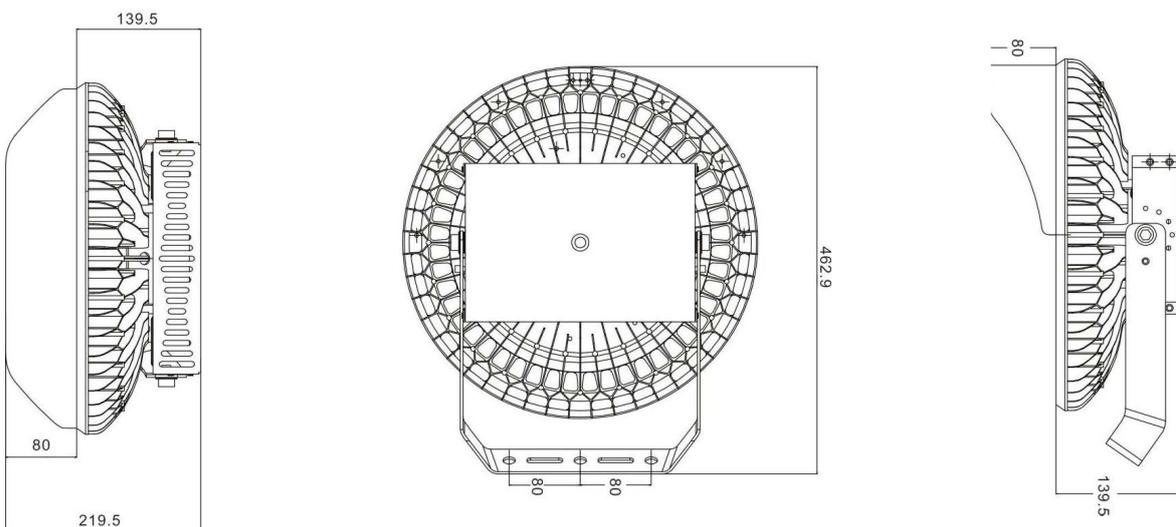
	HID	LED
Wattage	58 KW	43 KW

	HID	LED
Wattage	137 KW	102 KW

Energy and performance data

Lumen Output	39000
System Wattage	300
Input Voltage	120-277V (347-480V Individually customized)
Color Temperature Tuning Range	3000-5700K
Operating Temperature Range	-40°C to 55°C
Surge	10KV
IP Rating	65
Beam Angle	60° 90°
Effective Projected Area (EPA)	2.2 (sq. ft.)
Net Weight	9.17KG 9.235KG

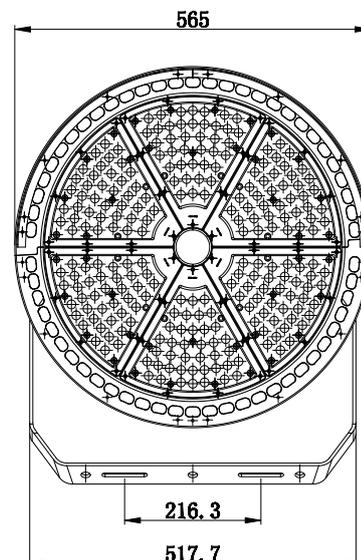
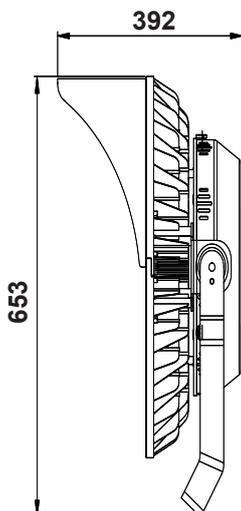
Unit:mm



Energy and performance data

Lumen Output	65000(500W) 78000(600W) 104000(800W)
System Wattage	500 600 800
Input Voltage	120-277V (347-480V Individually customized)
Color Temperature Tuning Range	3000-5700K
Operating Temperature Range	-40°C to 55°C
Surge	10KV
IP Rating	65
Beam Angle	15° 30°
Effective Projected Area (EPA)	2.2 (sq. ft.)
Net Weight	18KG(500W) 19.5KG(600W) 23.5(800W)

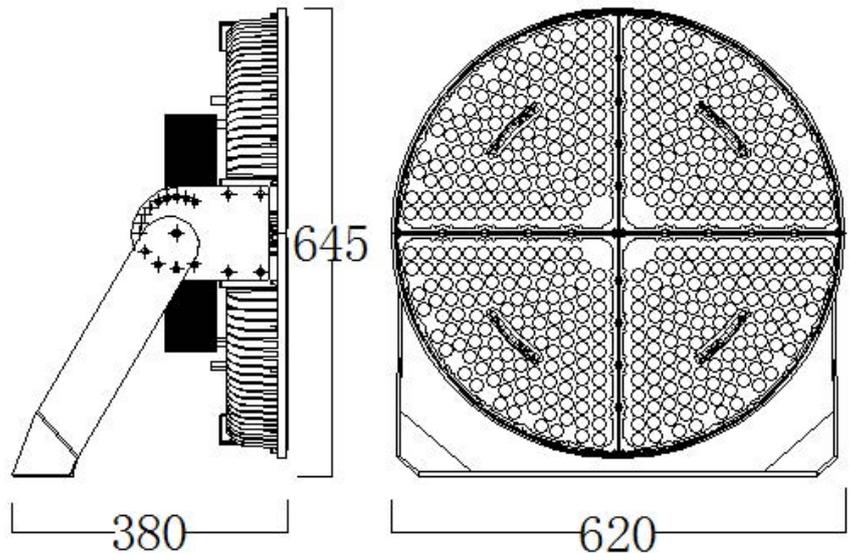
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Energy and performance data

Lumen Output	130000(1000W)	156000(1200W)
System Wattage	1000	1200
Input Voltage	120-277V (347-480V Individually customized)	
Color Temperature Tuning Range	3000-5700K	
Operating Temperature Range	-40°C to 55°C	
Surge	10KV	
IP Rating	65	
Beam Angle	15° 30°	
Effective Projected Area (EPA)	2.2 (sq. ft.)	
Net Weight	18KG(1000W)	19.5KG(1200W)

Unit:mm



Learn More

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