

# aleddra

**PRO** Sports Lighting

USA, Europe patent approved

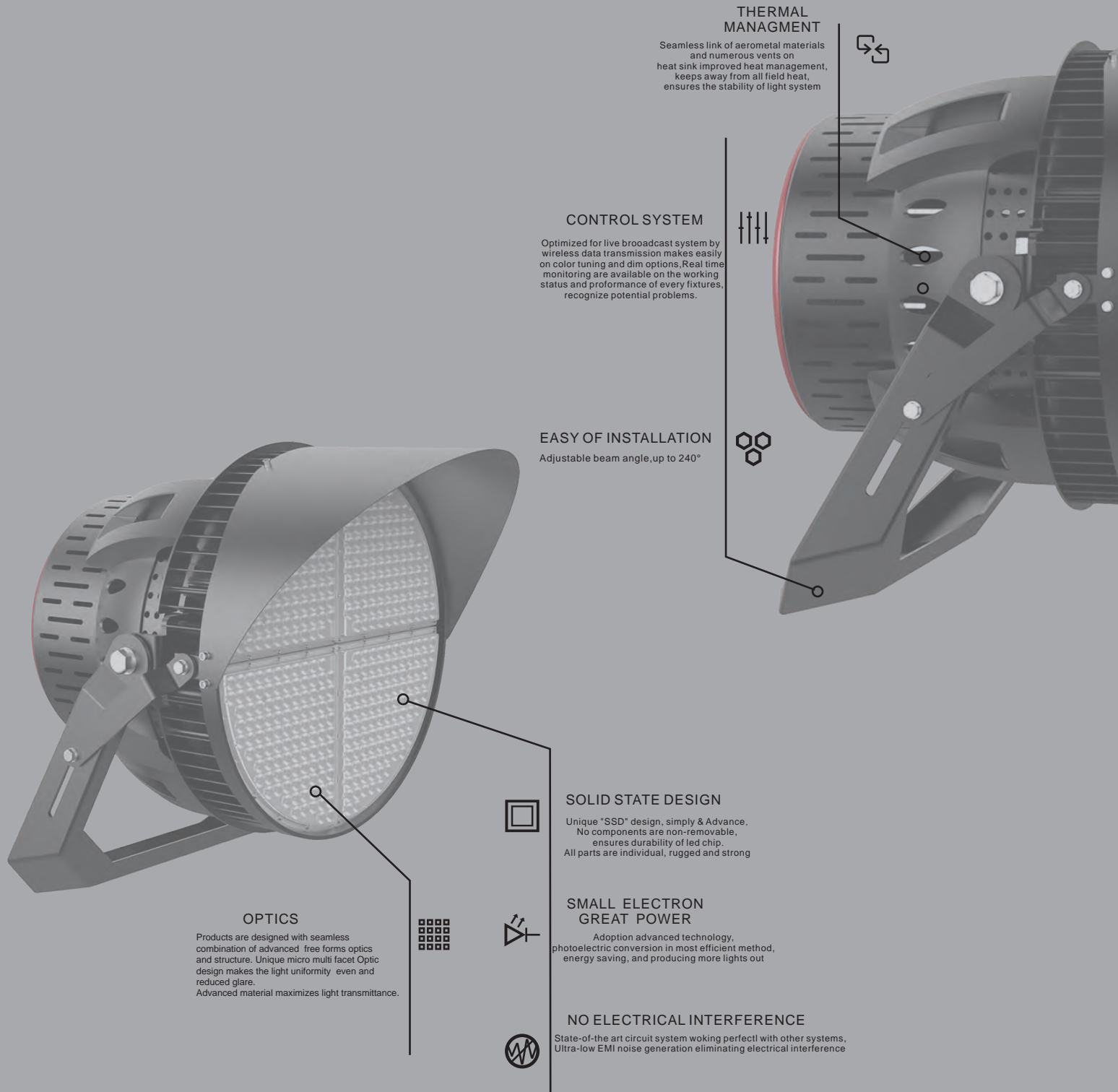


**1250W**

Patent No.: 201730488627.0

# TECHNOLOGY CHANGES PERFORMANCE

## INNOVATION ILLUMINATES THE FUTURE



### THERMAL MANAGMENT

Seamless link of aerometal materials and numerous vents on heat sink improved heat management, keeps away from all field heat, ensures the stability of light system



### CONTROL SYSTEM

Optimized for live broodacast system by wireless data transmission makes easily on color tuning and dim options, Real time monitoring are available on the working status and proformance of every fixtures, recognize potential problems.



### EASY OF INSTALLATION

Adjustable beam angle, up to 240°



### OPTICS

Products are designed with seamless combination of advanced free forms optics and structure. Unique micro multi facet Optic design makes the light uniformity even and reduced glare. Advanced material maximizes light transmittance.



### SOLID STATE DESIGN

Unique "SSD" design, simply & Advance, No components are non-removable, ensures durability of led chip. All parts are individual, rugged and strong



### SMALL ELECTRON GREAT POWER

Adoption advanced technology, photoelectric conversion in most efficient method, energy saving, and producing more lights out



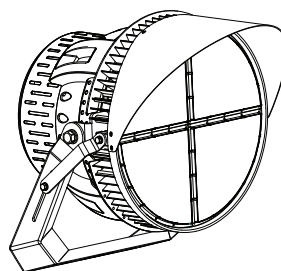
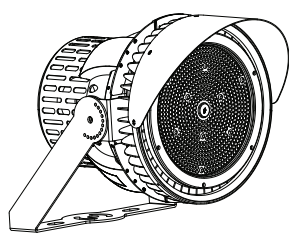
### NO ELECTRICAL INTERFERENCE

State-of-the art circuit system woking perfectl with other systems, Ultra-low EMI noise generation eliminating electrical interference



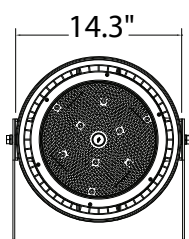
# TECHNICAL PARAMETERS:

## LED Sports Lighting

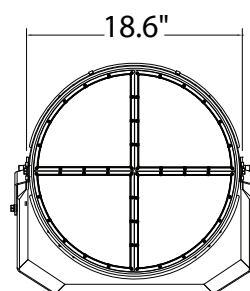
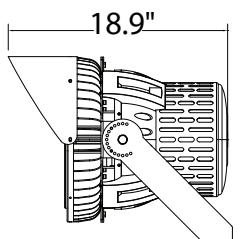


Model	HD-SP300W	HD-SP400W	HD-SP500W	HD-SP750W	HD-SP1000W	HD-SP1250W
System Watts	300W	400W	500W	750W	1000W	1250W
Lumen output	39000Lm	52000Lm	65000Lm	97500Lm	130000Lm	156250Lm
Dimensions	Ø14.3" x 18.9"			Ø18.6" x 22.9"		
Light source	Philips			OSRAM / CREE		
CRI	80			70		
Light Distribution Options	30° / 45° / 80°			15° / 20°/25° / 40°		
EPA	1.60ft <sup>2</sup>			2.29ft <sup>2</sup>		
CCT	3000K / 4000K / 5000K ( Standard ) / 5700K / 6500K					
Driver	Meanwell					
Input Voltage	100-277V or 240-480V					
Power Factor	0.95					
THD	<15%					
Surge Protectin	10KV Current Surge(Optional)					
Operating Temp Range	-22°F~+122°F					
IP Rating	IP66					
Dimming control (Optional)	1-10V/DMX					
Certification	ETL /CE /DLC/FCC/SAA					

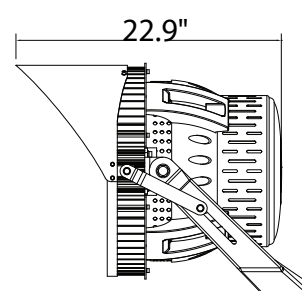
### Dimension:



300W/400W/500W

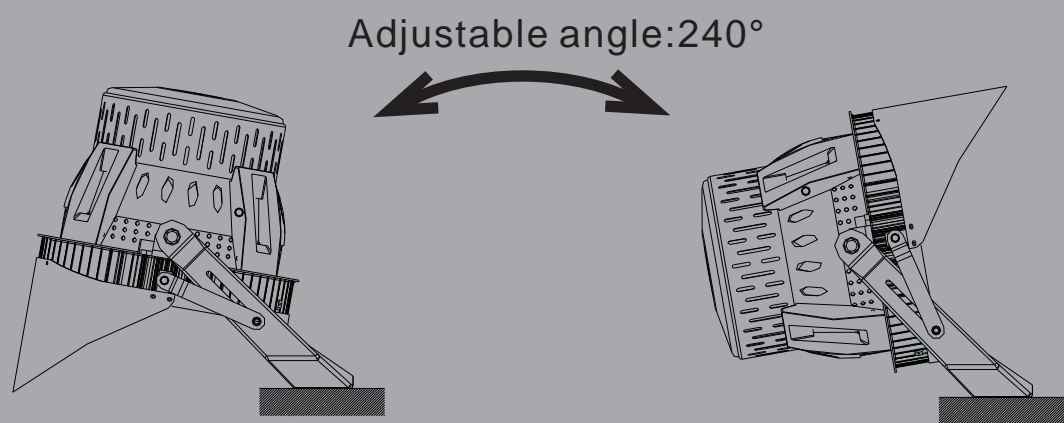


750W/1000W/1250W

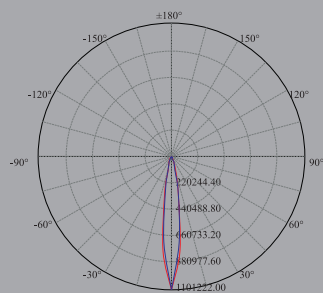




INSTALLATION:



PHOTOMETRIC DIAGRAMS:



NEMA 2		
Height	Mac FC	Beam Diameter
40 ft	721	20 ft
80 ft	180	41 ft
120 ft	80	61 ft
160 ft	46	82 ft
200 ft	30	102 ft
Beam Angle = 14.9 ° , Field Angle = 32 °		

NEMA 5		
Height	Mac FC	Beam Diameter
40 ft	91	67 ft
80 ft	21	134 ft
120 ft	9	201 ft
160 ft	6	268 ft
200 ft	4	336 ft
Beam Angle = 40 ° , Field Angle = 80 °		