



FCC



# SP09 Mini

SP09 Mini is an all-in-one low & medium-power sports field light, applicable to professional sports, civil training grounds, outdoor entertainment venues, plazas, parking lots, airports, docks, and other high-mast lighting places.



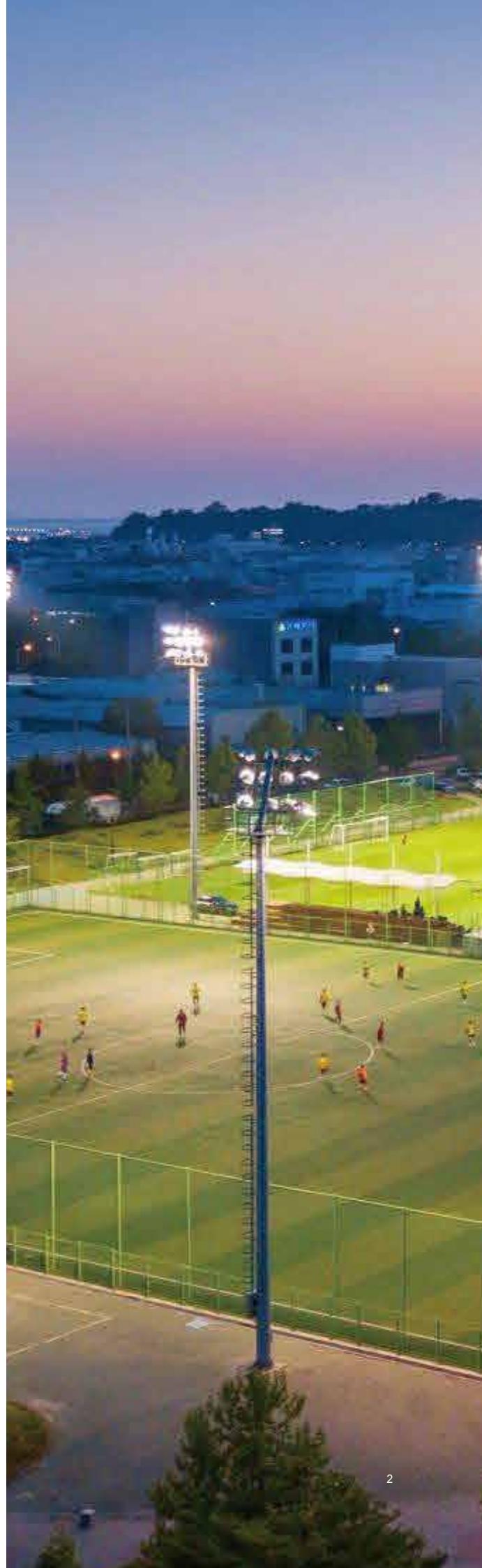


500W/400W/300W

# LED Sports Field Lighting

## Super cost-effective stadium lights

- ① High-quality lighting effect, controlling glare while ensuring a total light flux of up to 80,000lm.
- ② Integrated design to ensure the IP66 waterproof performance.
- ③ Built-in a junction box that can be convenient and fast wiring.
- ④ The Visor Helps with accurate light control and dramatically reduces glare and spill.
- ⑤ Built-in 10KV Surge Protector.

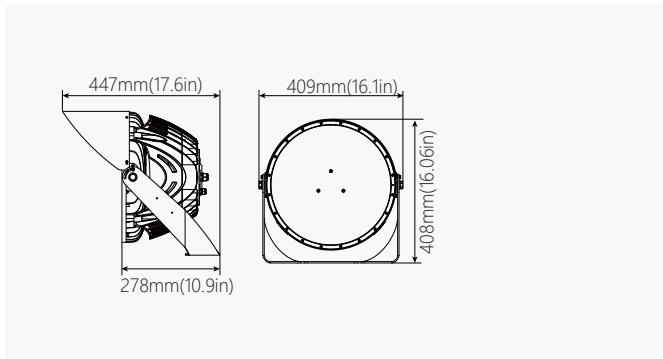




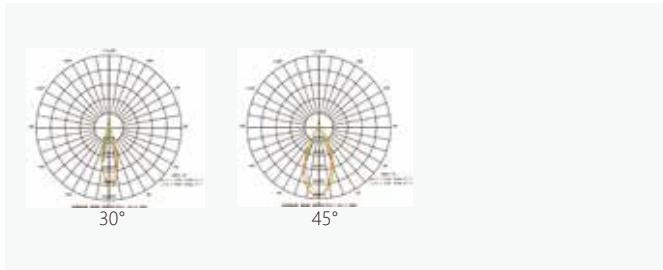
## Parameters

Model No.	HD-SP09-300W/400W/500W
Wattage	300W/400W/500W
Light Efficiency	150Lm/W~160Lm/W
Lumen Flux(@5700K)	45,000Lm~80,000Lm(±10%)
CCT	3000K/4000K/5000K/5700K, RGB/RGBW Optional
Beam Angle (±5°)	30°/45°
CRI	70, (80, 90, TLCI>90 Optional)
SDCM	≤5
Input Voltage	AC 100-277V, AC 200-480V
Power Factor	≥0.95
THD	≤15%
Percent flicker(%)	<3%
Surge Protection	10KV
Protection against electric	Class I
IP (Environmental location of luminaries)	IP66/Wet location
IK	IK08
EPA	Front: 1.28ft <sup>2</sup> , Side: 0.85ft <sup>2</sup>
Operating Temp Ranger	-40°C ~ +50°C @ outdoor / -40°F ~ +122°F @ outdoor
Intelligent control	0-10V Dimming, PWM, Dali, DMX, Synapse
Lifetime	100,000H(L70B50@25°C)/100,000H(L70B50@77°F)
Weight (kg/lbs)	With Driver and Visor: 10.2kg±0.5/22.49lbs±1.1
Dimension(mm/in)	447*409*408mm/17.60*16.10*16.06in
Packing Dimension(mm/in)	490*450*325mm/19.29*17.72*12.80in
Warranty	5 Year, 7 Year Optional
Certificate	UL / DLC / FCC
Specification	LED: Lumileds Driver: Moso, uPowerTeck, Sosen
Material	Structure: Die-casting/High Thermal Conductivity AL Finish: Powder coated Lens: Polycarbonate Color: Gray

# Dimension



# Photometric Diagrams



# Applications

Outdoor / Indoor / Industrial

- Sports & recreational fields
- Large-scale outdoor events
- Industrial and construction sites
- Parking lots and garages
- Crane lighting
- Security and outdoor surveillance



Sports Complex



Football Pitch



Baseball Field



Parking Lot



Industrial & construction sites



Airport



Port Lighting