

# LED Sports Light



## Description:

The Brightest LED sports light in the market with COB chips. Unique design to maximize the light reaching the ground.

## Features:

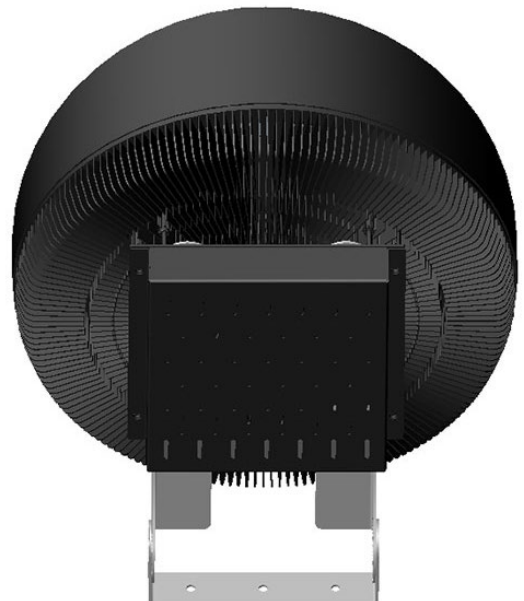
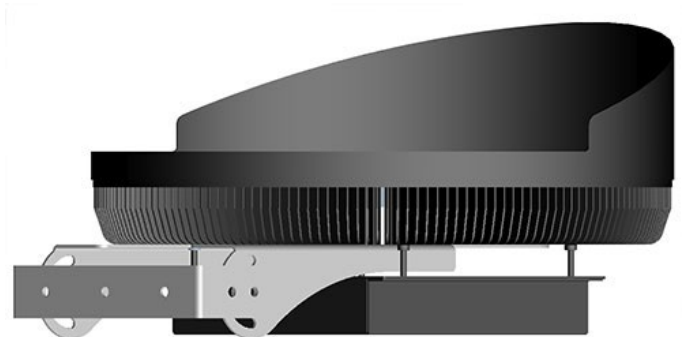
- Integrated die-cast aluminum with high thermal conductivity and high heat dissipation
- Special fin structure design to increase heat dissipation area, thermal conductivity
- Professional light visor, minimizes light spill
- Maximum ground efficiency

Precise optical system maximizes the light reaching the ground

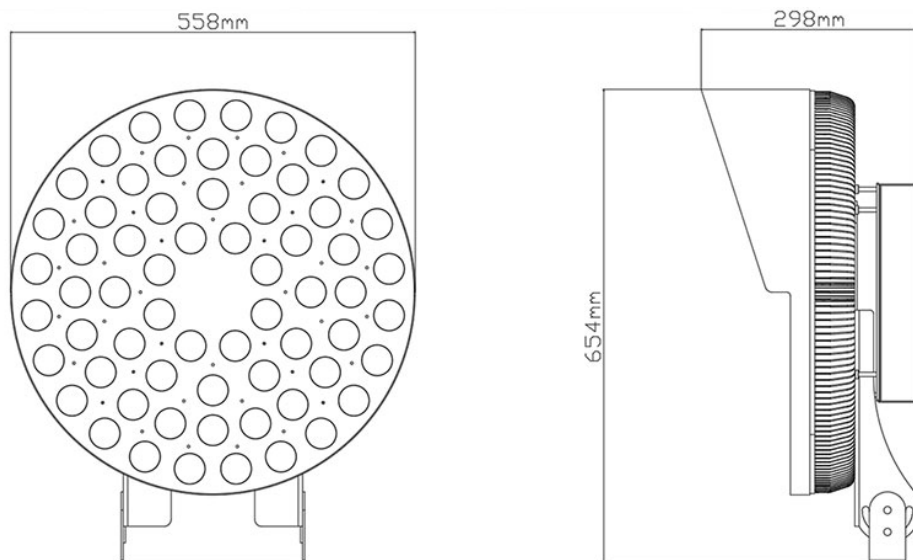
- Flicker-free, CRI96 optional, lighting up objects in their true color, suitable for HD photography, widely used in sports fields
- With COB chips and anti-glare system, glare rating value will be lower than traditional SMD light chips
- Multiple beam angle options to meet different requirements

## LED Light Engine:

- Cree COB from USA original
- High Quality LM80 Certify
- Efficacy : up to 170lm @ 278mA (per watt)
- Rated Life of 100,000+ hrs
- Operating Temperature Code: T6(-40 to +55°C)
- No Toxic Chemicals / RoHS Compliant
- 70%-80% Energy Saving Compared with HPS/MH



## Dimensions:



## Specifications:

Optical Data		Electrical Data	
LED Type	Original Cree LEDs (USA)	Power Supply	Meanwell HLG/ ELG
LED QTY	64pcs	Input Voltage	AC90-305V / AC200-305V/180-528V
System Efficacy	170 lm/W	Power Frequency	50~60Hz
Luminous Flux	108,800 lm	Output Voltage	DC 36V
CCT	Typ. 2700-6500K	Output Current	17.78A (Constant Current)
Beam Angle	15, 25, 40, 60, 90, 120 degree	Power Efficiency	>95%
CRI	>80	Power Factor	>0.95
System Efficiency	>95%	Total Harmonic Distortion	<15%
Others & Certification			
System Power Consumption	640W	Storage Temperature	-40~+70°C
Fixture Material	Die-cast Pure Aluminum	Operating Temperature	-40~+60°C
Ingress Protection	IP66	Operating Humidity	15~90%RH
Luminaire N.W/G.W	24kg / 26kg	Outlook Dimensions	558mm Diameter
Life Span	>100,000Hrs	Export Wooden Size	650x620x500mm
Optional Info.			
Installation Method	Pole Mounting ,304/316 SS		
Fixtures Color	Silver, Black, Golden, Customized color		
Dimming Control	DALI, DMX, PWM, Zigbee optional		
Surge Protector	SPD 10KA/20KA available		