OAK

LED Sports Light

Description:

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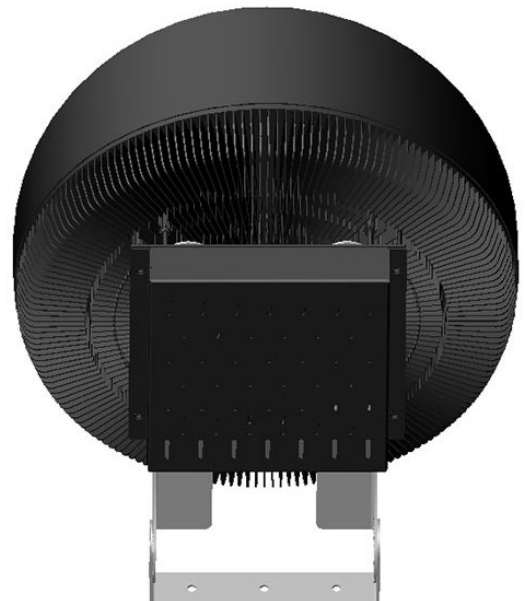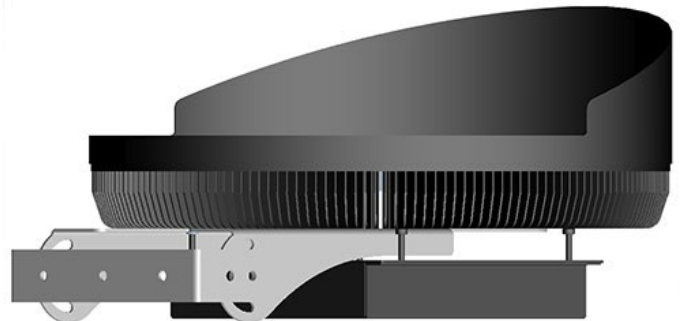
Features:

➢ 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

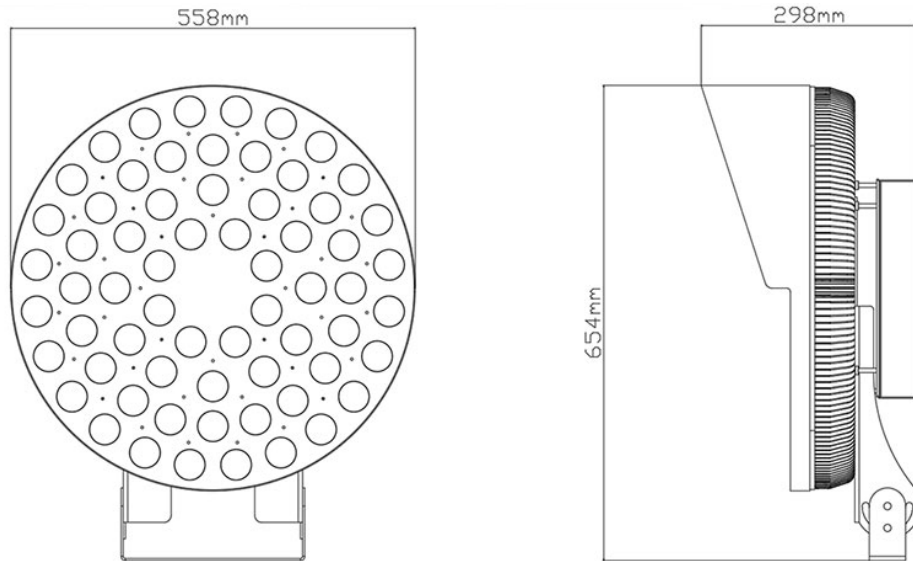   Precise optical system maximizes the light reaching the ground

➢ 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℃)
➢ No Toxic Chemicals / RoHS Compliant
➢ 70%-80% Energy Saving Compared with HPS/MH

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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℃
Fixture Material	Die-cast Pure Aluminum	Operating Temperature	-40~+60℃
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

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