SPECIFICATION

5 YEAR WARRANTY

SP5™ LED SPORT LIGHT
(Durable for Your Stadium)

CE RoHS TÜV SÜD GS LM79 SAA

Features

> Fin Riveting Design, Hollow-carved Heat Sink, Increase Air Flow for Excellent Thermal Conductivity;
> High Brightness LUMILEDS LUXEON SMD5050 LEDs, Meanwell HLG / ELG Driver;
> Built-in Plug and Play Motion Sensor with Compact Structure;
> IP65 / IK08 Protection;
> Symmetrical 20°/30°/60°/90°,Asymmetrical 140*60° beam angle optional;
> Corrosive Resistant Powder Coated Finish;
> Independent Driver and Module Space to Avoid Heat Affect for Each Other;
> Integrated Back Cover Design,More Compact and Elegant;
> Various intelligent control: 1-10V, DALI,PWM,Zigbee for Option;
> No UV or IR and completely mercury free;
> L70/B20 @ 70.000h;
> Customized supported for special projects;

Options:
> Driver: Meanwell ELG/HLG driver;
> Controls and Dimming: 1-10V, DALI,PWM,Zigbee;
> Surge Protection Device: Meanwell SPD-20 20KV Surge Protector;
> Lens : Symmetrical 20°/30°/60°/90°,Asymmetrical 140*60° optics;
> Aiming Device: Laser Pointer;

Application
> Logistics areas (Ports)
> Stadiums and Racing tracks
> Public squares
> Apron lighting (Airports), Parking and Industrial areas
> Recreational sports lighting applications (Football, Hockey, Basketball, Golf,Tennis, etc)

Web: www.DUALRAYS.com | Tel: +86-(0)755-2306 6948
Fax: +86-(0)755-6164 1072 | Email: info@DUALRAYS.com
Add: 3rd Floor,Building A3 | Tianrui Industrial Park | #35,Fuyuan 1st Road,Fuyong Town,Bao'an Dist | Shenzhen 518103

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Technical Parameters

Model No.	DR-SPL300-EGXP	DR-SPL400-EGXP	DR-SPL500-EGXP	DR-SPL600-EGXP	DR-SPL800-EGXP	DR-SPL1000-EGXP
System Watts/W	300W	400W	500W	600W	800W	1000W
System Efficiency/LPW	150~160LPW					
Lumen Output/lm	48.000±5%	64.000±5%	80.000±5%	96.000±5%	128.000±5%	160.000±5%
Rated Input Voltage/V	AC100~277V, 50/60Hz					
LEDs Light Source	SMD5050					
SDCM	<5					
CCT/K	5000K for Standard (3000K/4000K/5700K/6500K Optional)					
CRI/Ra	>70Ra (>80Ra for Option)					
Power Factor	>0.95					
THD	<10%					
Beam Angle(Optional)	20°/30°/60°/90°/140*60° Optional					
UGR	<25					
Surge Protection	4~6KV SPD built in Driver,Exterior SPD 20KV Meanwell Optional					
LED Driver	Meanwell ELG / HLG Optional					
IP Rating	IP65					
Dimming(Optional)	1-10V, DALI,PWM,Zigbee for Option					
Safety Protection	Open Circuit / Short Circuit / Over-voltage / Over Temperature Protection					
Start Time	0.5s					
Protection Class	Class I					
Finishing Color(Optional)	Black RAL9017(Standard) / White RAL9016 Matt Optional					
Material	Aluminum+PC					
Lifespan/hrs	70.000 Hrs (Ta=30℃@L70)					
Operation Temp/℃	−40°C to + 50°C(−40°F to 122°F)					
Storage Temp/℃	−40°C to + 65°C(−40°F to 149°F)					
Switching Cycles	100,000 Times					
Certificate	CE(EMC+LVD),RoHS,ENEC ,D-Mark,SAA,RCM Available					

Dimensions

300W

400W

500W
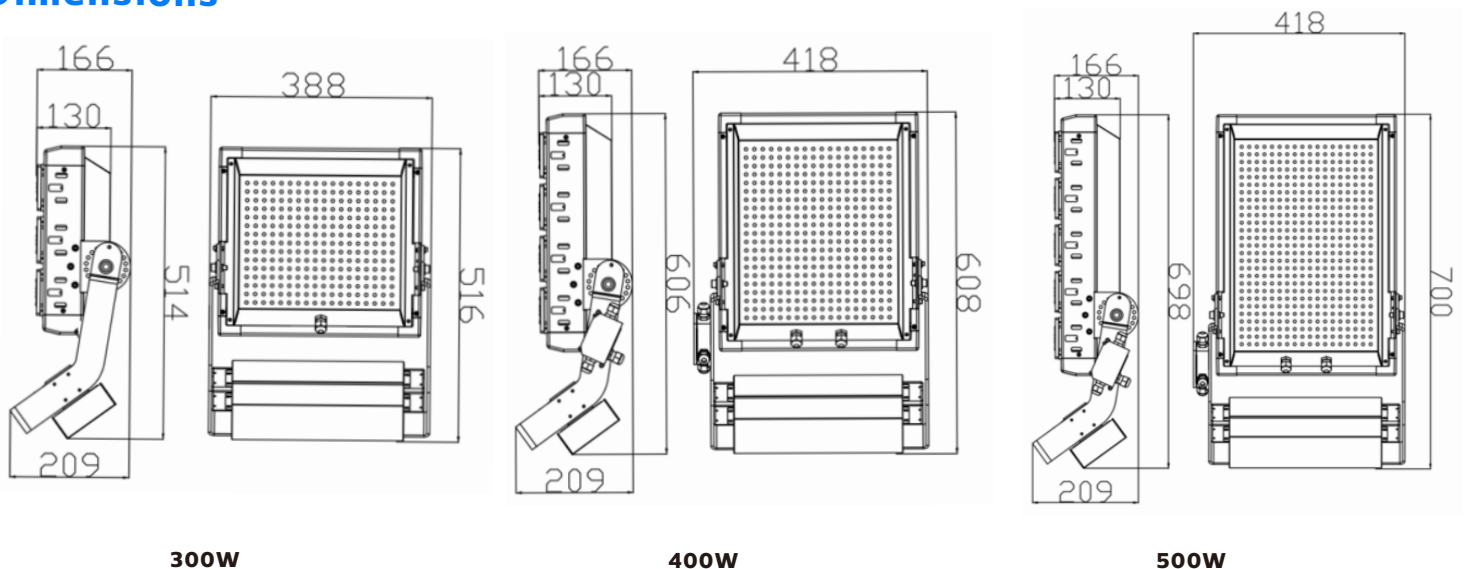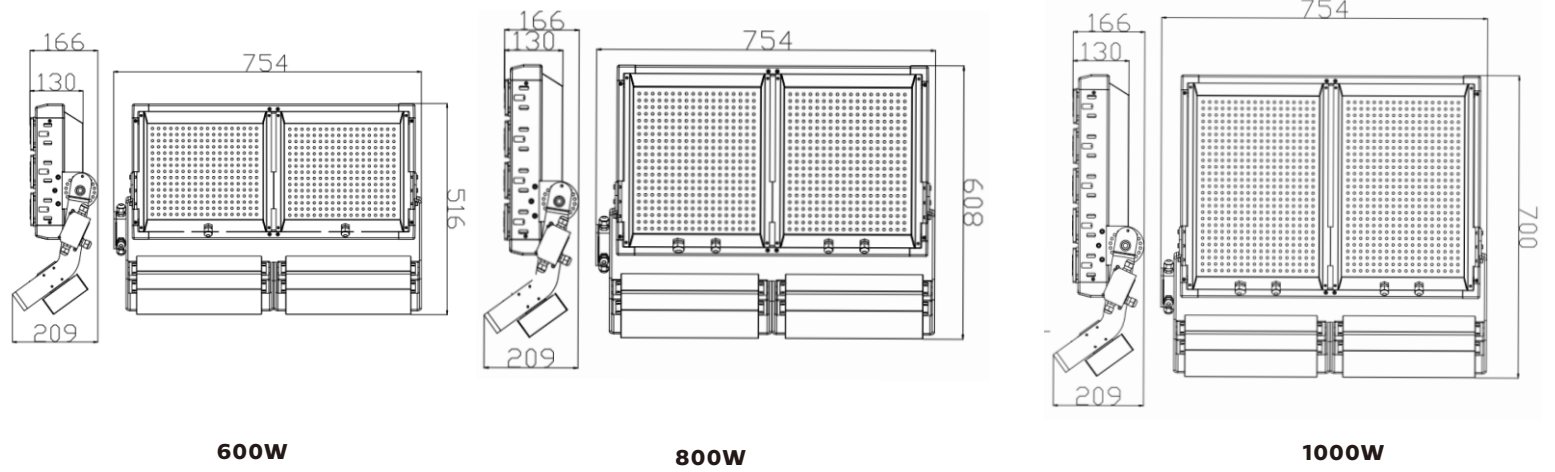
600W

800W

1000W

Photometry Disgram

20°

30°

60°

90°

140*60°

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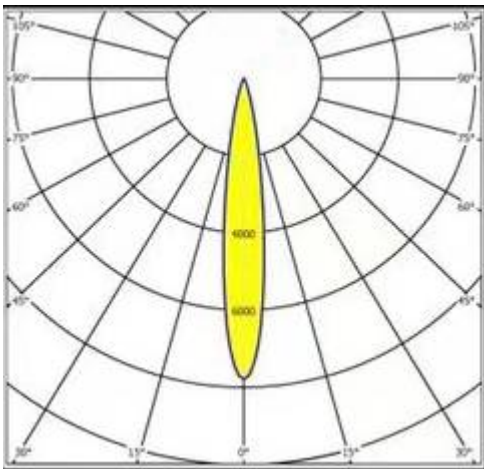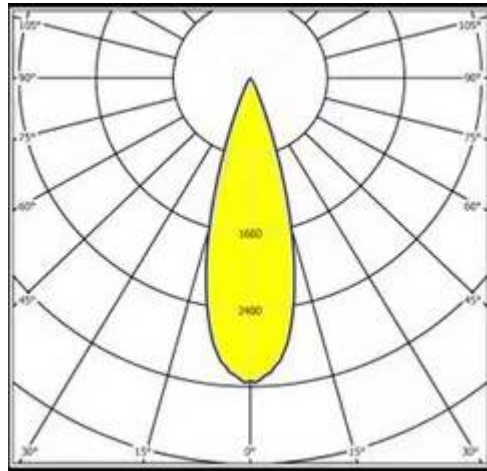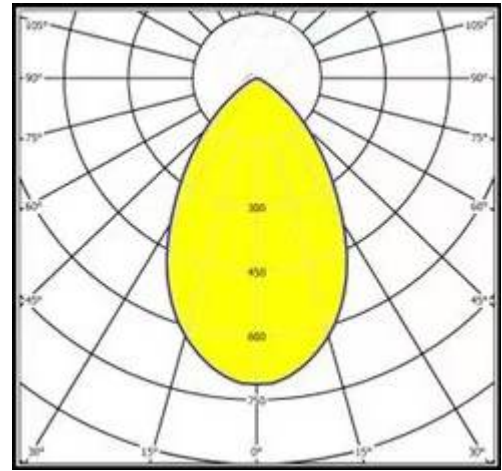
Installation

1. Figure 1 shows the bolt pattern of the mount.

2. Secure the fixture using the 2 mounting holes.

3. Connect the dimming wires.

4. Adjust the lamp angle to what you need.

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INSTALLATION GUIDE
IMPORTANT SAFETY INFORMATION:
Please read all the instructions below before installation
> Make sure that the supply voltage corresponds to the rated product voltage;
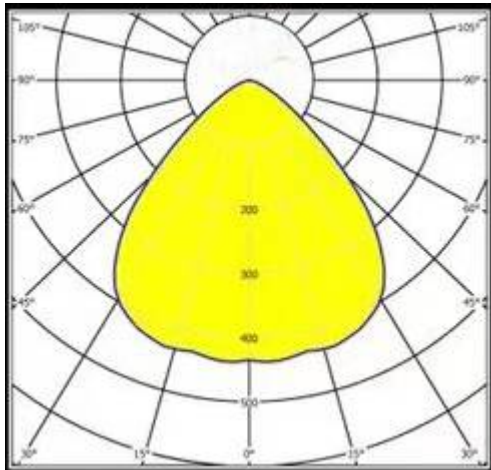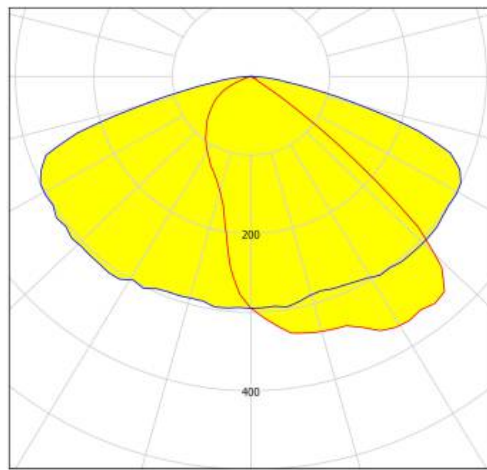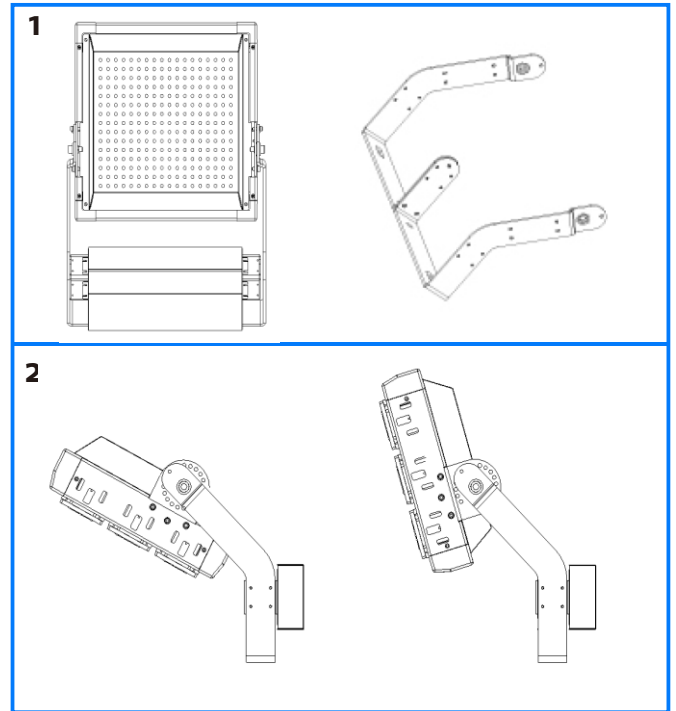> The product must be installed by a qualifed electrician in accordance with the National Electrical Code and corresponding local codes.
> If the product is damaged, do not use it!

Turn Off Power Supply

Wiring Diagram

L	brown	black
N	blue	white
⏚ GND	yellow/green	green

Dimmable

DIM+	blue	brown	purple	white
DIM-	white	blue	gray	black

RISK OF PERSONAL INJURY – READ and follow all WARNINGS and installation instructions.
Keep or give to the owner for future reference.

Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.
Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
Risk of Fire: Minimum 194°F supply conductors. Consult a qualifed electrician to ensure correct branch circuit conductor.

DUALRAYS® assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.

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Packaging Information

Model No.	Net Weight/Kg	Outer Carton Size/mm	Gross Weight/Kg	QTY"/CTN
DR-SPL300-EGXP	12.5	590*505*250	14.2	1PCS
DR-SPL400-EGXP	16.1	680*505*250	18.2	1PCS
DR-SPL500-EGXP	21.1	790*505*250	23.5	1PCS
DR-SPL600-EGXP	25.6	830*590*250	28.4	1PCS
DR-SPL800-EGXP	29.2	830*690*250	32.5	1PCS
DR-SPL1000-EGXP	36.3	830*790*250	39.8	1PCS

Details Demo

Fin Riveting Design, Hollow-carved Heat Sink, Increase Air Flow for Excellent Thermal Conductivity>>>

Independent Driver and Module Space to Avoid Heat Affect for Each Other>>>

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Integrated Back
Cover Design,More
Compact and
Elegant >>>

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