



# PRODUCT DATASHEET

## LED Flood Light Stadium 100-500 W 3000-6500 K

LL LED E-SERIES Professional Floodlight Stadium Light



### AREAS OF APPLICATION

- Stadiums
- Pool Areas
- Public areas
- Building facades
- Construction areas
- Tennis Courts
- Football Courts

### PRODUCT BENEFITS

- Highly efficient LED chip and high IP rating on luminaire front side
- Low maintenance and operation costs due to long lifetime of LED
- Energy savings up to 90% compared to Halogen Lamps
- Energy savings thanks to system efficiency of up to 140 lm/W
- Suitable for use in areas with high and low elevation ceilings



### PRODUCT FEATURES

- Luminaire efficacy: up to 120-140 lm/W
- Symmetrical beam angle: 100° x 100° or can Customized as required
- Mounting bracket for up to 180° tilting
- Type of protection: IP67
- Impact resistance: IK08
- Ambient temperature in operation: -20...+50 °C
- Connection via 1 m cable, wiring required



## TECHNICAL DATA



### Electrical data

Nominal wattage	100.00 W – 500.00 W
Nominal voltage	220-240 VAC – Meanwell Driver
Power Factor	0.9
Mains Frequency	50 Hz

### Photometrical data

Color temperature	3000 K – 4000 K – 6500 K
Luminous flux	14,000 lm – 70,000 lm
Luminous efficacy	120-140 lm/W
Standard deviation of color matching	≤4 sdcM
Light color (designation)	Warm White – Cool White - Day Light
Color rendering index Ra	80

### Light technical data

Beam angle	24° - 100°
LED Brand	 OR 

### Dimensions

Shape	Rectangle
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### Colors & materials

Body material	Aluminum + Die-cast Iron
Housing color	White
Product color	White

### Temperature & operating conditions

Ambient temperature range	-20°C ~ +50°C
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### Lifespan

Lifespan L70 at 25 °C	50,000 h
Number of switching cycles	100,000

## Additional product data

Mounting type	Surface
Mounting location	Wall / Pole / Floor / Ceiling

## Capabilities

Adjustable	Yes
Dimmable	No
Type of connection	Cable, 3-Pole
Technology	LED

## Certificates & standards

Protection class	II
Type of protection	IP 67
Standards	CE/RoHS

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