

MERGA LED Projector 100W /150W



General Application Areas



Factories



Warehouses



Sports Halls



Aircraft Hangars

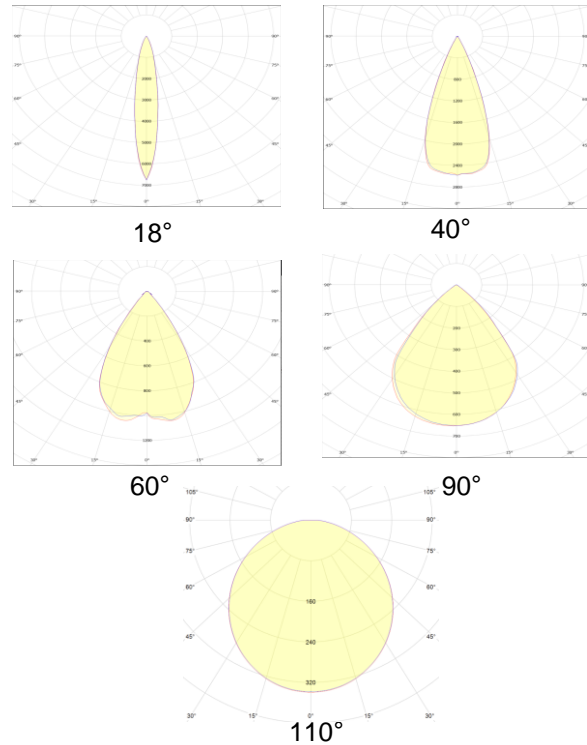


Airports

General Information

LED floodlights are a highly efficient and versatile solution for modern lighting needs, offering significant energy savings and long lifespan compared to traditional lighting. Known for their durability and low power consumption, LED floodlights can reduce energy costs and environmental impact, making them ideal for both commercial and residential applications. They also enhance architectural aesthetics by adding visual appeal with narrow-angle or wide-angle/area lighting options that emphasize structural details. With a variety of light distribution options and lighting distribution patterns available, from narrow-angle spotlights to wide-angle lighting, LED floodlights offer customizable solutions for different environments and lighting requirements.

Optical Beam Angles



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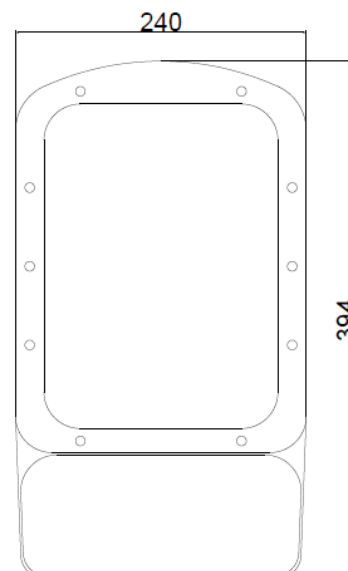
Technical Specifications

Power	:100W /150W
Input Voltage	:200-240 V AC 50/60 HZ
Power Factor	:>0,9
Effectiveness Factor	:132 lm/W
Luminous Flux	:13200lm/19800lm
Light Angle	:18°/40°/60°/90°/110°
Color Temperature (CCT)	:3000K /4000K/5000K/ 6500K
Color Rendering Index (CRI)	:70+ / 80+
IP Protection Class	:IP 66
Dimensions	:394x240x100 mm
Weight	:5.8 kg
Warranty Period	:5 Years

Optical and Electrical Properties

Body	Aluminum Injection	CE Marking	Yes
Color Options	Black RAL 9005, Gray RAL 9006	RoHS Compliance	Yes
Front Cover	Tempered Glass	Lifetime	≥60,000 Hours
Lens	PMMA	Throttling Options	1-10V, DALI
Light Source	LED	Operating Temperature	-25°/+55°C
Impact Resistance	IK 08	Total Harmonic Distortion	<%20

Product Images, Technical Drawing and Connection Diagram



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Product Variations

Product Code	Power	Input Voltage	Luminous Flux	Light Angle	Color	Dimensions	Weight
MRG-100SM-00181-865-9005	100W	200-240 V AC 50/60 Hz	13200 lm	18°	Black	394x240x100 mm	5,8 kg
MRG-100SM-00401-865-9005	100W	200-240 V AC 50/60 Hz	13200 lm	40°	Black	394x240x100 mm	5,8 kg
MRG-100SM-00601-865-9005	100W	200-240 V AC 50/60 Hz	13200 lm	60°	Black	394x240x100 mm	5,8 kg
MRG-100SM-00901-865-9005	100W	200-240 V AC 50/60 Hz	13200 lm	90°	Black	394x240x100 mm	5,8 kg
MRG-100SM-01101-865-9005	100W	200-240 V AC 50/60 Hz	13200 lm	110°	Black	394x240x100 mm	5,8 kg
MRG-150SM-00181-865-9005	150W	200-240 V AC 50/60 Hz	19800 lm	18°	Black	394x240x100 mm	5,8 kg
MRG-150SM-00401-865-9005	150W	200-240 V AC 50/60 Hz	19800 lm	40°	Black	394x240x100 mm	5,8 kg
MRG-150SM-00601-865-9005	150W	200-240 V AC 50/60 Hz	19800 lm	60°	Black	394x240x100 mm	5,8 kg
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Product Code	Power	Input Voltage	Luminous Flux	Light Angle	Color	Dimensions	Weight
MRG-100SM-00181-865-9006	100W	200-240 V AC 50/60 Hz	13200 lm	18°	Grey	394x240x100 mm	5,8 kg
MRG-100SM-00401-865-9006	100W	200-240 V AC 50/60 Hz	13200 lm	40°	Grey	394x240x100 mm	5,8 kg
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