BLADE2

100~600W Lensed LED Floodlight





Key Features:

- High luminous efficacy using 3030 LED chips
- Super slim rugged design (maximum depth 60mm)
- Custom designed case for effective heat dissipation
- Dimming options: 1~10V or DALI
- In house LED driver technology
- Impact resistant tempered glass
- Bracket designed with +/-160° angle with 5° interval locking system
- Designed to eliminate water ingress
- Optional NEMA Dusk to Dawn available
- IP65 rating
- 5 years warranty

BLADE2 SPECIFICATION

Model Number	BLADE2-100	BLADE2-150	BLADE2-200	BLADE2-300
Fitting Colour	Black	Black	Black	Black
Max Power	100W	150W	200W	300W
Power Factor	>0.95	>0.95	>0.95	>0.95
Lumens	14000lm	21000lm	28000lm	33600lm
Beam Angle	120°	120°	120°	120°
Colour (K)	5000K	5000K	5000K	5000K
CRI	>80	>80	>80	>80
Efficacy (lm/W)	140lm/W	140lm/W	140lm/W	140lm/W
Housing	Die cast Aluminium Case	Die cast Aluminium Case	Die cast Aluminium Case	Die cast Aluminium Case
Working Temperature	-30°C ~ +40°C	-30°C ~ +40°C	-30°C ~ +40°C	-30°C ~ +40°C
Protection	IP65	IP65	IP65	IP65
Weight	4Kg	6.5Kg	6.5Kg	10.4Kg
Dimensions	315 x 245 x 57mm	420 x 329 x 57mm	420 x 329 x 57mm	530 x 385 x 60mm

Model Number	BLADE2-400	BLADE2-500	BLADE2-600
Fitting Colour	Black	Black	Black
Max Power	115-240V 50-60Hz	115-240V 50-60Hz	115-240V 50-60Hz
Output Load	400W	500W	600W
Power Factor	>0.95	>0.95	>0.95
Lumens	42000lm	70000lm	84000lm
Beam Angle	120°	120°	120°
Colour (K)	5000K	5000K	5000K
CRI	>80	>80	>80
Efficacy (lm/W)	140lm/W	140lm/W	140lm/W
Housing	Die cast Aluminium Case	Die cast Aluminium Case	Die cast Aluminium Case
Working Temperature	-30°C ~ +40°C	-30°C ~ +40°C	-30°C ~ +40°C
Protection	IP65	IP65	IP65
Weight	20.8Kg	20.8Kg	20.8Kg
Dimensions	530 x 772 x 60mm	530 x 772 x 60mm	530 x 772 x 60mm

REV A

RoHS

Available Variants

BLADE2-xxx-30	30°/60°/90°/120° Beam Angles
BLADE2-xxx-T2	Type2/Type3 Asymetric Beam Angles
BLADE2-xxx-xx-G	Grey finish

Optional DALI dimming. DALI

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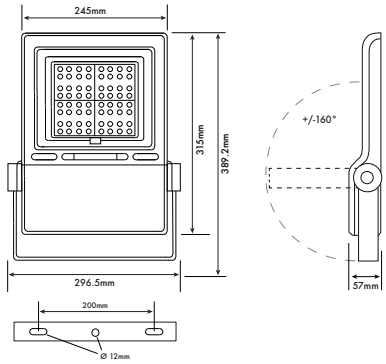
PowerLed® Designed to last

BLADE2

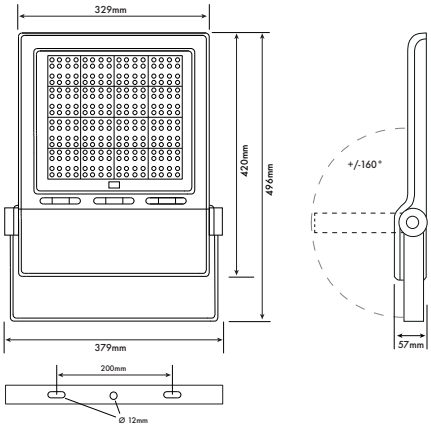
100~600W LED Floodlight

Mechanical Diagrams

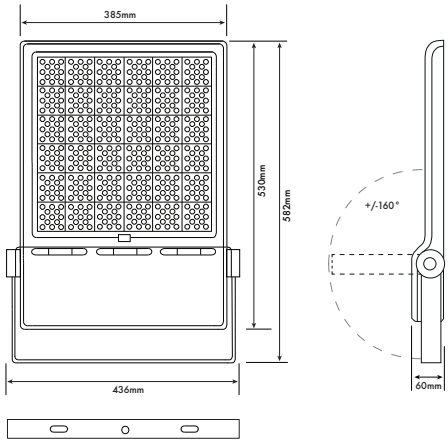
BLADE2 100



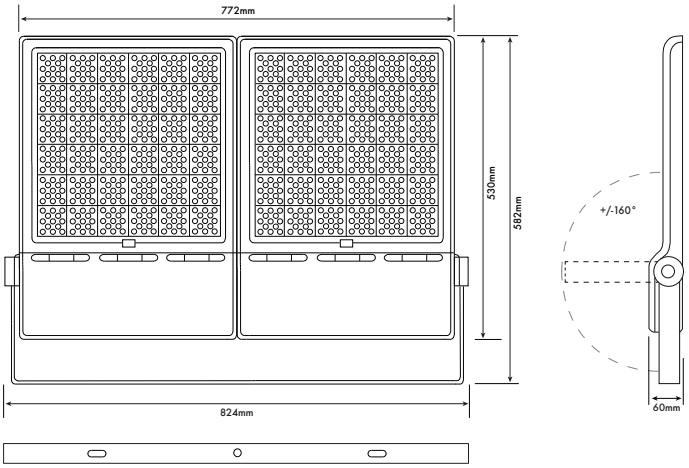
BLADE2 150 & 200



BLADE2 300



BLADE2 400, 500 & 600



Testing & Certification

The BLADE2 floodlight has been extensively tested to the following criteria:-

Salt Spray Test

IEC 60068-2-52 specifies the application of the cyclic salt mist test to components or equipment designed to withstand a salt-laden atmosphere as salt can degrade the performance of parts manufactured using metallic and/or non-metallic materials.

International Protection (IP) Rating

IEC 60529, sometimes interpreted as Ingress Protection Marking, classifies and rates the degree of protection provided against intrusion (body parts such as hands and fingers), dust, accidental contact, and water by mechanical casings and electrical enclosures. It is published by the International Electrotechnical Commission (IEC). The equivalent European standard is EN 60529.

CE Certificate of Conformity

CE marking is a certification mark that indicates conformity with health, safety, and environmental protection standards for products sold within the European Economic Area (EEA). This also includes EMI, EMS, Low Voltage Directive and Energy Related Products Directive.

Copies of these certificates and reports are available upon request.

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