

BLADE2M

100-150W Lensed LED MARINE Floodlight



Key Features:

- High luminous efficacy using 3030 LED chips
- Marine Plascoat finish with superior resistance to sun, salt and sea water, providing excellent abrasion and crevice corrosion resistance
- Super slim rugged design (maximum depth 60mm)
- Custom designed case for effective heat dissipation
- Dimming options: 1~10V or DALI
- Impact resistant tempered glass
- 2 metre input cable for ease of installation
- Bracket designed with +/-160° angle with 5° interval locking system
- Designed to eliminate water ingress
- Vented cable gland to reduce the risk of condensation
- IP66 rating
- 3 year warranty (extended warranty options available)
- Alternative colour options available
- Optional 316 Stainless Steel bracket



BLADE2M SPECIFICATION

Part Code	BLADE2M-100-REV-A	BLADE2M-150	BLADE2M-200-REV-A
SKU	CUSTOM	4490-950	CUSTOM
Fitting Colour	White	White	White
Input Voltage	115-240V 50-60Hz	115-240V 50-60Hz	115-240V 50-60Hz
Output Load	100W	150W	200W
Power Factor	>0.95	>0.95	>0.95
Lumens	14000lm	21000lm	28000lm
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	IP66	IP66	IP66
Weight	4kg	6.5kg	7.3kg
Dimensions	320 x 230 x 58mm	364 x 290 x 57mm	420 x 280 x 58mm

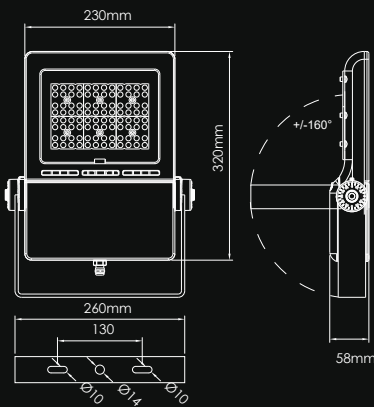


BLADE2M Marine Grade LED Floodlight

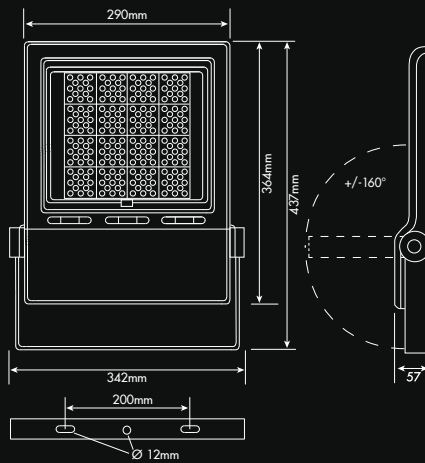


Mechanical Diagrams

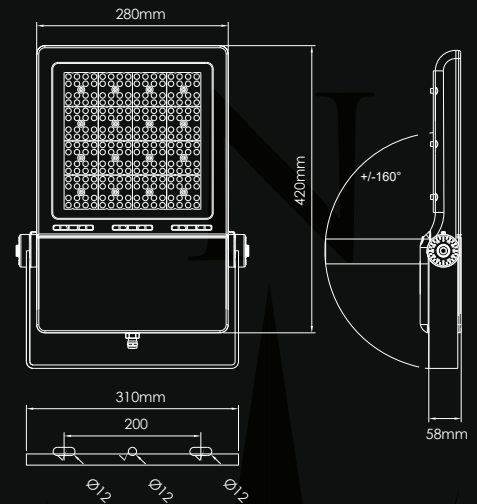
BLADE2M-100-REV-A



BLADE2M-150



BLADE2M-200-REV-A



Testing & Certification

The BLADE2M 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.