



LEDTEC

300W LFM Floodlight

TECHNICAL DATA SHEET

The LFM is a robust, high-performing LED floodlight designed for harsh marine conditions with its anti-corrosive powder coating. The driver box can be accessed separately for easy installation and features loop-in/loop-out cable entry options for versatile wiring configurations, ensuring reliable performance and minimal maintenance for various applications.

Areas for Application

- Boats
- Transportation
- Docking Areas
- Security lighting
- Recreational Facilities
- Portside Warehouses
- Swimming Pool Facilities



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TECHNICAL SPECIFICATIONS

Product

Model	<i>LFM 300W</i>
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Luminaire Information

Rated Power	<i>300W</i>
Operating Temperature Range	<i>-30° ~ +50 ° c</i>
Fixture Installation	<i>Pole mounting Wall Mounting</i>
Dimmable	<i>Optional</i>
Accessories	<i>Pole adaptors</i>

Electrical Characteristics

Operating Voltage Range	<i>Sosen 220-240VAC</i>
Frequency Range	<i>50-60Hz</i>
Power Factor	<i>>0.95</i>
Surge Protection	<i>10kV line-earth</i>
Driver	<i>Sosen</i>
Driver type	<i>Constant Current</i>
Control	<i>1-10V dimmable</i>

Optical Characteristics

Correlated Colour Temperature	<i>4000K Standard (2700 - 6500K optional)</i>
Colour Rendering Index	<i>80Ra Standard (70Ra Optional)</i>
LED Type	<i>Nichia 3030</i>
LED Expected Lifespan	<i>92,000hrs</i>
Light Efficacy	<i>140lm/w</i>
Luminous Flux	<i>42,000lm</i>
Beam Angle	<i>Type I: 60° Type II: 55° x 125°</i>
Effective Projected Area	<i>2.23ft² / 0.17m²</i>

Material & Finish

Ingress Protection Rating	<i>IP66</i>
Impact Rating	<i>IK08</i>
Material Composition (Body)	<i>Aluminium alloy</i>
Material Composition (Bracket)	<i>Stainless Steel</i>
Material Composition (Lens)	<i>Polycarbonate optical lens</i>
Fixture Colour	<i>Grey</i>
Finish	<i>Powder Coating</i>
Category of Corrosion	<i>C4 (ISO 9223:2012)</i>

Weight & Packaging

Product Dimensions	<i>509 x 428 x 72mm</i>
Product Weight	<i>8.4kg</i>
Packaging Dimensions	<i>555 x 465 x 100mm</i>
Packaged Weight	<i>10.1kg</i>

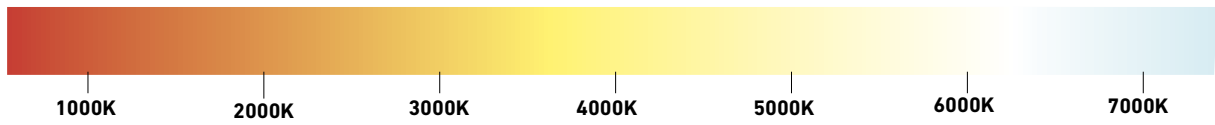
Warranty

Warranty	<i>5 years</i>
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COLOUR TEMPERATURES

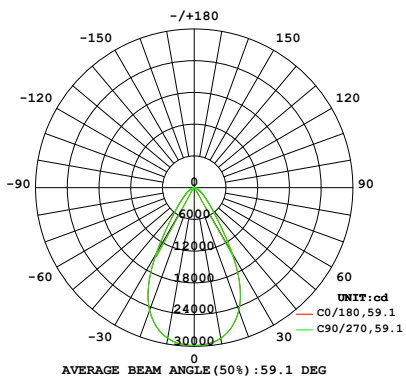
WARM WHITE
2700K - 3000K

COOL WHITE
5900K - 6500K

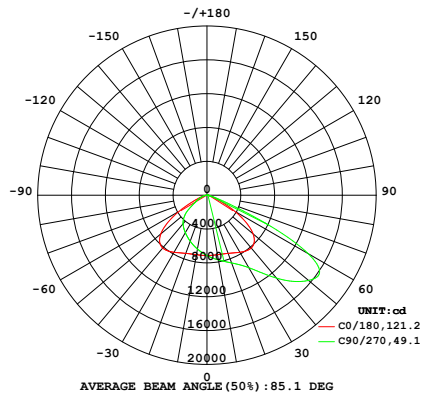


ILLUMINANCE AT DISTANCE

TYPE I: 60°



TYPE B: 55° X 125°



DIMENSIONS

