LEDTEC
100W LFM Floodlight
TECHNICAL DATA SHEET

The LFM is a robust, high-performing LED floodlight designed for harsh marine conditons 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 ligthing
- Recreational Facilities
- Recreational Facilities
- Portside Warehouses
- Swimming Pool Facilities

Lighting Council AUSTRALIA MEMBER

ies Corporate Member 2022/2023

100% AUSTRALIAN OWNED & OPERATED

TECHNICAL SPECIFICATIONS

Product

Model	LFM 100W

Luminaire Information

Rated Power	100W
Operating Temperature Range	-30° ~ +50 ° c
Fixture Installation	Pole mounting Wall Mounting
Dimmable	Optional
Accessories	Pole adaptors

Electrical Characteristics

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

Optical Characteristics

Correlated Colour Temperature	4000K Standard (2700 - 6500K optional)
Colour Rendering Index	80Ra Standard (70Ra Optional)
LED Type	Nicha 3030
LED Expected Lifespan	92,000hrs
Light Efficacy	140lm/w
Luminous Flux	13,000lm
Beam Angle	Type I: 120° Type II: 55° x 125°
Effective Projected Area	1.06ft² / 0.08m²

Material & Finish

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

Weight & Packaging

Product Dimensions	388 x 295 x 68mm
Product Weight	4.3kg
Packaging Dimensions	430 x 330 x 100mm
Packaged Weight	5.4kg

Warranty

Warranty	5 years

COLOUR TEMPERATURES

WARM WHITE
2700K - 3000K

COOL WHITE
5900K - 6500K

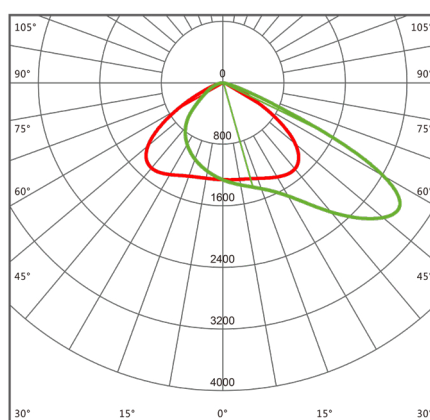1000K   2000K   3000K   4000K   5000K   6000K   7000K
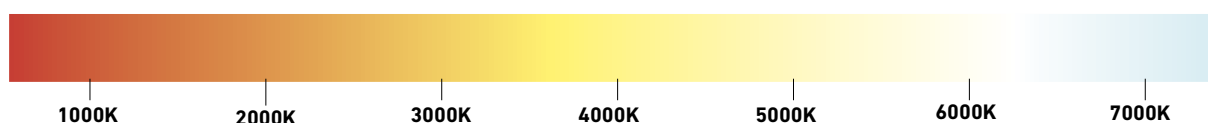
ILLUMINANCE AT DISTANCE

TYPE I: 120°
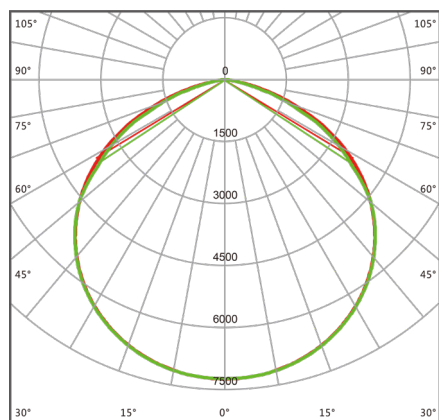
TYPE II: 55° X 125°

DIMENSIONS

295mm (11. 61")

388mm (15. 27")

68mm (2. 68")