

# LEDTEC

## 100W LSFM Floodlight

TECHNICAL DATA SHEET

Marine-grade LED flood lighting that features superior corrosion robustness with its double surface treatment and anti-corrosive powder coating to help it withstand harsh salt and strong winds of seaside environments. Its slimline and compact design allows for ease of installation in many indoor and outdoor 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	LSFM 100W
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### Luminaire Information

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

### Electrical Characteristics

Operating Voltage Range	Sosen 220-240VAC
Frequency Range	50-60Hz
Power Factor	>0.95
Surge Protection	6kV line-line 10kV line-earth
Driver	Sosen
Driver type	Constant Current
Control	1-10V dimmable, DALI dimmable

### Optical Characteristics

Correlated Colour Temperature	5000k Standard (2700-6500K) optional
Colour Rendering Index	70Ra Standard (Ra 80 optional)
LED Type	Philips
LED Expected Lifespan	67,000 hrs
Light Efficacy	130lm/w
Luminous Flux	13,000lm
Beam Angle	Type B: 120°
Effective Projected Area	0.71ft^2

### Material & Finish

Ingress Protection Rating	IP66
Impact Rating	IK08
Material Composition (Body)	Aluminium alloy
Material Composition (Bracket)	Stainless Steel
Material Composition (Lens)	Tempered glass and poly-carbonate optical lens
Fixture Colour	Luminaire body and bracket: Grey Tempered glass: Grey
Finish	Electroplating, Powder Coating
Accessories	Pole adaptors

### Weight & Packaging

Packaging Dimensions	314x269x61mm
Packaged Weight (driver box installed)	2.8kg

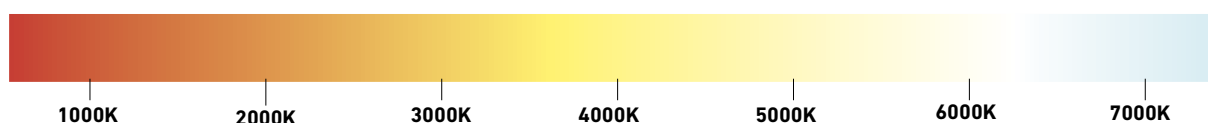
### Warranty

Warranty	5 years
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## COLOUR TEMPERATURES

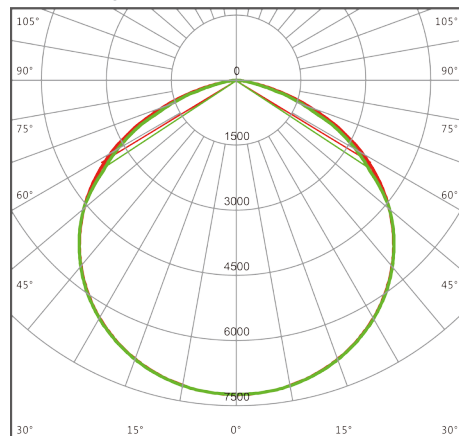
WARM WHITE  
2700K - 3000K

COOL WHITE  
5900K - 6500K



## ILLUMINANCE AT DISTANCE

TYPE B: 120°



## DIMENSIONS

