



# LEDTEC

## 100W LSF FLOODLIGHT

TECHNICAL DATA SHEET

The LSF features a slimline, super lightweight body and is equipped with the latest technology to provide excellent power output at low energy consumption levels. Built with an adjustable mounting bracket, the LSF is capable of directing light exactly where it is required, making it suitable for installation in just about any outdoor application.

### Areas for Application

- Parking lots
- Building Sites
- Retail Stores
- Warehouses
- Indoor Courts
- Sports Halls
- General Area
- Security Lighting
- Lighting Signage Illumination



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## TECHNICAL SPECIFICATIONS

Product	
Model	LSF 100W

Luminaire Information	
Rated Power	100W
Operating Temperature Range	-30° ~ +50 ° c
Fixture Installation	Bracket Mounting Pole mounting
Mounted option	0-30 metres
Dimmable	Optional

Electrical Characteristics	
Operating Voltage Range	Sosen 220-240VAC
Frequency Range	50-60Hz
Power Factor	>0.93
Surge Protection	6kV line-line 10kV line-earth
Driver	Sosen
Driver type	Constant Current

Optical Characteristics	
Correlated Colour Temperature	5000k Standard (2700-6500K optional)
Colour Rendering Index	70Ra Standard (Ra 80 optional)
LED Type	Philips
LED Expected Lifespan	50,000 hrs
Light Efficacy	125lm/w
Luminous Flux	12,500lm
Beam Angle	Type B: 120°
Effective Projected Area	0.71ft^2

Material & Finish	
Ingress Protection Rating	IP66
Impact Rating	IK10 (Housing) IK08 (Lens)
Material Composition (Body)	Aluminium alloy
Material Composition (Lens)	Tempered glass and poly-carbonate optical lens
Fixture Colour	Black
Finish	Powder Coating
Accessories	Pole adaptors

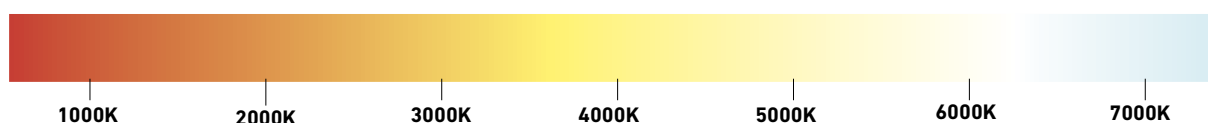
Weight & Packaging	
Packaging Dimensions	314x269x61mm
Packaged Weight (driver box installed)	2.8kg

Warranty	
Warranty	5 Years

## COLOUR TEMPERATURES

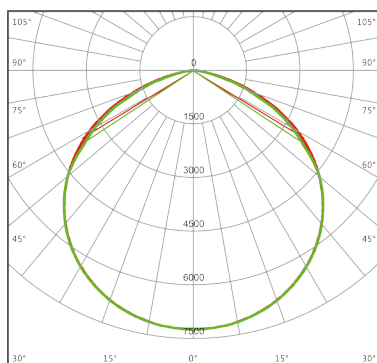
**WARM WHITE**  
2700K - 3000K

**COOL WHITE**  
5900K - 6500K



## ILLUMINANCE AT DISTANCE

TYPE B: 120°



## DIMENSIONS

