



# LEDTEC

## 500W LSF2 Floodlight

TECHNICAL DATA SHEET

The LSF2 is a multi-wattage floodlight with dual beam angle selection for flexible light distribution. Featuring integrated photocell and loop in/loop out wiring for simplified installation. Designed to deliver efficient, reliable performance across a wide range of commercial applications.

#### Areas for Application

- Commercial Areas
  - Parking Lots
- Factories & Warehouses
  - Sports Halls
  - Workshops
- General Area Lighting



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## TECHNICAL SPECIFICATIONS

### Product

Model	LSF2-500W
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### Luminaire Information

Rated Power	500W / 375W / 250W
Operating Temperature Range	-30°C ~ +50 °C
Fixture Installation	Bracket Mounting Pole Mounting
Dimmable	Non-Dimmable
Accessories	Pole adaptors

### Electrical Characteristics

Operating Voltage Range	220-240VAC
Frequency Range	50-60Hz
Power Factor	>0.95
Surge Protection	20KV line - line 20KV line - earth
Driver	Lifud
Driver type	Constant Current
Control	Photocell

### Warranty

Warranty	5 years
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### Material & Finish

Ingress Protection Rating	IP66
Impact Rating	IK08
Material Composition (Body)	Aluminium alloy
Material Composition (Bracket)	Stainless Steel
Material Composition (Lens)	Polycarbonate optical lens
Fixture Colour	Grey (RAL870-3)
Finish	Powder Coating
Category of Corrosion	C4

### Weight & Packaging

Product Dimensions	622 x 489 x 72mm
Product Weight	10.9kg
Packaging Dimensions	650 x 510 x 100mm
Packaged Weight	12.3kg

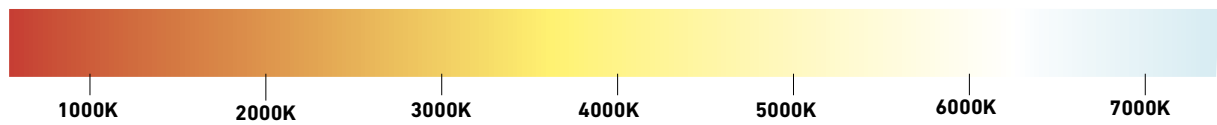
### Optical Characteristics

Correlated Colour Temperature	4000K
Colour Rendering Index	80Ra Standard
LED Type	SMD 2835
LED Expected Lifespan	87,500hrs at L80B50
Light Efficacy	150lm/w
Luminous Flux	250W: 33,750 - 35,375lm 375W: 50,625 - 53,062lm 500W: 67,500 - 70,750lm
Beam Angle	Symmetric: 60° - Default Asymmetric: 50°

## COLOUR TEMPERATURES

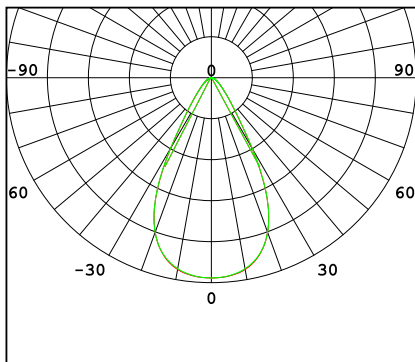
WARM WHITE  
2700K - 3000K

COOL WHITE  
5900K - 6500K

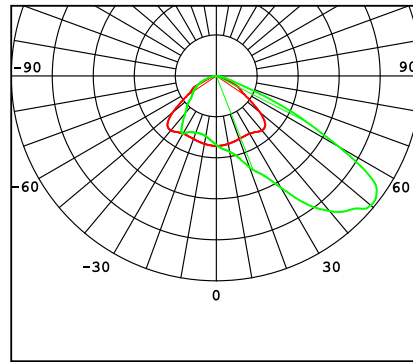


## ILLUMINANCE AT DISTANCE

SYMMETRIC 60° - DEFAULT



ASYMMETRIC 50°



## DIMENSIONS

