



LEDTEC

50W 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	LSF2-50W
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Luminaire Information

Rated Power	50W / 37.5W / 25W
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	4KV line - line 6KV 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	342 x 310 x 56mm
Product Weight	2.5kg
Packaging Dimensions	365 x 335 x 90mm
Packaged Weight	3.1kg

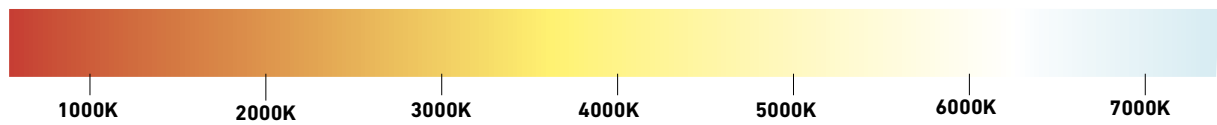
Optical Characteristics

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	25W: 3375 - 3537lm 37.5W: 5475 - 5793lm 50W: 7300 - 7725lm
Beam Angle	Symmetric: 60° - Default Asymmetric: 50°

COLOUR TEMPERATURES

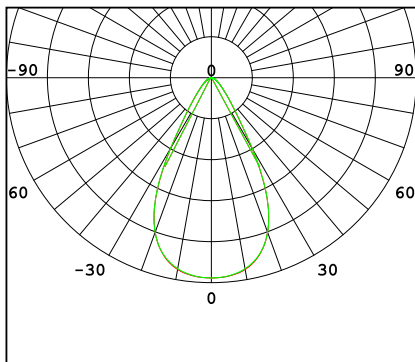
WARM WHITE
2700K - 3000K

COOL WHITE
5900K - 6500K

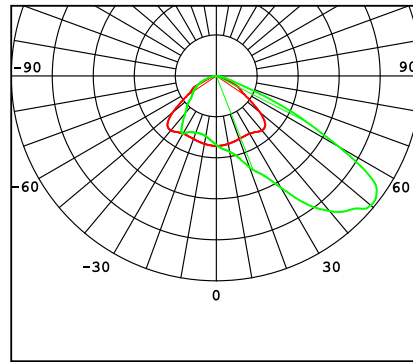


ILLUMINANCE AT DISTANCE

SYMMETRIC 60° - DEFAULT



ASYMMETRIC 50°



DIMENSIONS

