



LEDTEC

100W 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	<i>LSF2-100W</i>
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Luminaire Information

Rated Power	<i>100W / 75W / 50W</i>
Operating Temperature Range	<i>-30°C ~ +50 °C</i>
Fixture Installation	<i>Bracket Mounting Pole Mounting</i>
Dimmable	<i>Non-Dimmable</i>
Accessories	<i>Pole adaptors</i>

Electrical Characteristics

Operating Voltage Range	<i>220-240VAC</i>
Frequency Range	<i>50-60Hz</i>
Power Factor	<i>>0.95</i>
Surge Protection	<i>10KV line - line 10KV line - earth</i>
Driver	<i>Lifud</i>
Driver type	<i>Constant Current</i>
Control	<i>Photocell</i>

Warranty

Warranty	<i>5 years</i>
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Material & Finish

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

Weight & Packaging

Product Dimensions	<i>346 x 355 x 57mm</i>
Product Weight	<i>3.6kg</i>
Packaging Dimensions	<i>385 x 370 x 90mm</i>
Packaged Weight	<i>4.2kg</i>

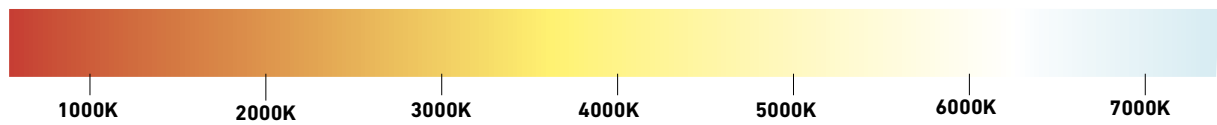
Optical Characteristics

Correlated Colour Temperature	<i>4000K</i>
Colour Rendering Index	<i>80Ra Standard</i>
LED Type	<i>SMD 2835</i>
LED Expected Lifespan	<i>87,500hrs at L80B50</i>
Light Efficacy	<i>150lm/w</i>
Luminous Flux	<i>50W: 6750 - 7075lm 75W: 10,125 - 10,612lm 100W: 13,500 - 14,150lm</i>
Beam Angle	<i>Symmetric: 60° - Default Asymmetric: 50°</i>

COLOUR TEMPERATURES

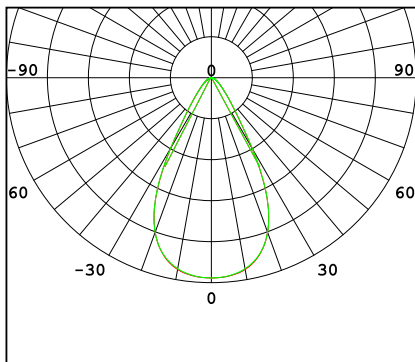
WARM WHITE
2700K - 3000K

COOL WHITE
5900K - 6500K

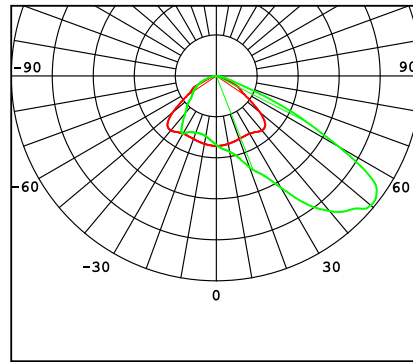


ILLUMINANCE AT DISTANCE

SYMMETRIC 60° - DEFAULT



ASYMMETRIC 50°



DIMENSIONS

