

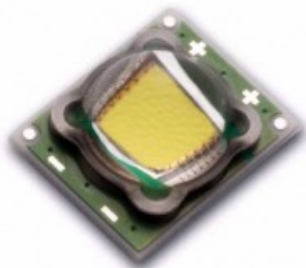
LED-TECH.DE

OPTOELECTRONICS



LED-TECH.DE SST Series

LUMINUS SST-50-W WJ (white)



The SST-50 White Series LEDs are available in an SMT package. Developed to provide a product configuration that is both easy to integrate as well as to provide a package architecture that allows the LED's to be operated at levels not seen in the market.

Features

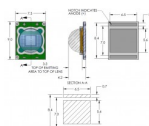
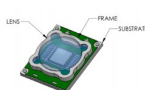
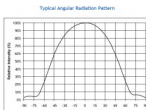
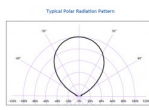
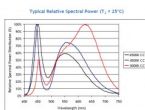
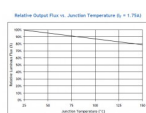
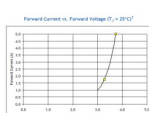
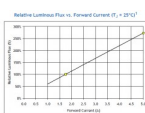
High Output: 550 lumens (6500K at high efficiency) or as much as 1250 lumens (6500K at high output) High thermal conductivity package with a package thermal resistance of only 2.57° C/W Lumen maintenance of greater than 70% after 60,000 hours Variable drive current from less than 1A to 5A Designed for standard SMT assembly processes

Benefits

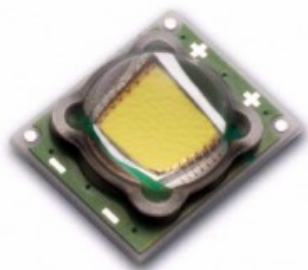
Allows designers to replace LED arrays with a single LED Single LED source simplifies system design (optics, power, control, etc.) Lens-based design allows for improved light extraction and easy integration with standard optics Instant "ON" eliminates the warm-up time typically seen with traditional light sources Mercury-free, RoHS compliant environmentally-friendly technology Outstanding reliability and durability beyond what traditional, glass-based light sources can achieve Lumen output range that can provide industry standard efficiency as well as industry leading light output from a single package

Applications

Replacement Lamps High Bay Lighting Street Lighting Consumer Portable Architectural Lighting Retail Lighting Residential Lighting Spot Lighting



LUMINUS SST-50-W WG (warm white)



The SST-50 White Series LEDs are available in an SMT package. Developed to provide a product configuration that is both easy to integrate as well as to provide a package architecture that allows the LED's to be operated at levels not seen in the market.

Features

High Output: 350 lumens (3000K at high efficiency) or as much as 875 lumens (3000K at high output) High thermal conductivity package with a package thermal resistance of only 2.57° C/W Lumen maintenance of greater than 70% after 60,000 hours Variable drive current from less than 1A to 5A Designed for standard SMT assembly processes

Benefits

Allows designers to replace LED arrays with a single LED Single LED source simplifies system design (optics, power, control, etc.) Lens-based design allows for improved light extraction and easy integration with standard optics Instant "ON" eliminates the warm-up time typically seen with traditional light sources Mercury-free, RoHS compliant environmentally-friendly technology Outstanding reliability and durability beyond what traditional, glass-based light sources can achieve Lumen output range that can provide industry standard efficiency as well as industry leading light output from a single package

Applications

Replacement Lamps High Bay Lighting Street Lighting Consumer Portable Architectural Lighting Retail Lighting Residential Lighting Spot Lighting

Part Number: LT-1687

Viewing Angle: 100°

Emitting Color: warm white

Lumen min.: 350 mcd

Lumen max.: 875 mcd

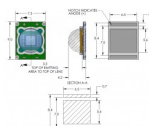
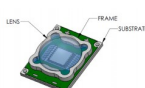
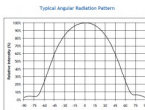
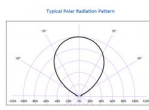
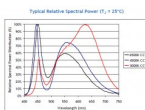
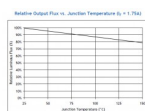
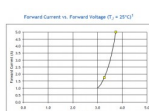
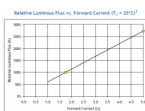
Kelvin typ.: 3000 mcd

mA typ.: 1750 mA

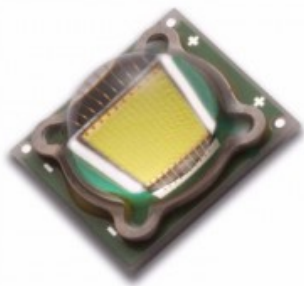
mA max.: 5000 mA

V typ.: 3.2V V

V max.: 3.6V V



LUMINUS SST-90-W WK (warm white)



Part Number: LT-1689

Viewing Angle: 100°

Emitting Color: warm white

Lumen min.: 600 mcd

Lumen max.: 1350 mcd

Kelvin typ.: 3000 mcd

mA typ.: 3150 mA

mA max.: 9000 mA

V typ.: 3.25V V

V max.: 3.87V V

The SST-90 White Series LEDs are available in an SMT package. Developed to provide a product configuration that is both easy to integrate as well as to provide a package architecture that allows the LED's to be operated at levels not seen in the market.

Features

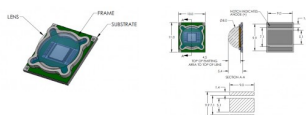
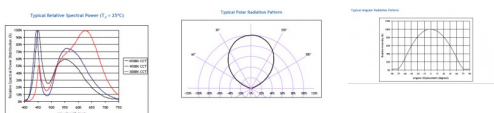
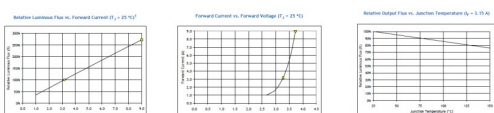
High Output: 600 lumens (3000K at high efficiency) or as much as 1350 lumens (3000K at high output) High thermal conductivity package with a package thermal resistance of only 0.64° C/W Lumen maintenance of greater than 70% after 60,000 hours Variable drive current from less than 1A to 9A Designed for standard SMT assembly processes

Benefits

Allows designers to replace LED arrays with a single LED Single LED source simplifies system design (optics, power, control, etc.) Lens-based design allows for improved light extraction and easy integration with standard optics Instant "ON" eliminates the warm-up time typically seen with traditional light sources Mercury-free, RoHS compliant environmentally-friendly technology Outstanding reliability and durability beyond what traditional, glass-based light sources can achieve Lumen output range that can provide industry standard efficiency as well as industry leading light output from a single package

Applications

Replacement Lamps High Bay Lighting Street Lighting Consumer Portable Architectural Lighting Retail Lighting Residential Lighting Spot Lighting



Imprint



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