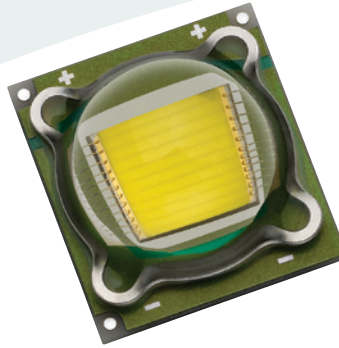




LUMINUS
LEADER IN BIG CHIP LEDS™

SST-90 **Big Chip White LED**



Description

For maximum light output and efficacy from a single Big Chip, the SST-90 can replace arrays of low power LEDs...reducing system-level cost and complexity.

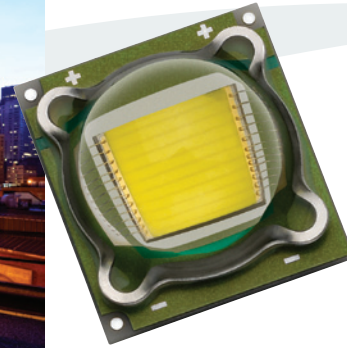
Features & Benefits

- Over 2,250 lumens from a single white chip
- Over 100 LPW at 3.15A
- Thermal resistance of only 0.64°C/W
- 60,000 hour L70 lifetime
- High reliability
- Electrically isolated thermal path
- Environmentally robust glass lens
- RoHS compliant
- LM-80 data available

Applications

- High lumen directional lighting
- Outdoor area lighting
- Street lighting
- Spot lighting
- Tactical flashlight
- Retail track lighting
- Architectural lighting
- High Bay lighting

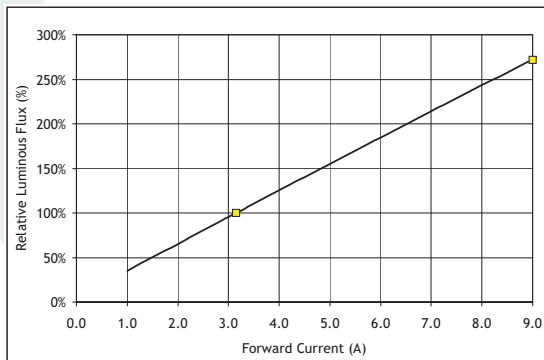
SST-90 Big Chip White LED



Product Performance

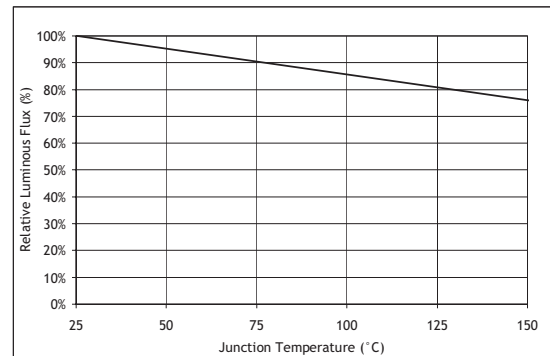
Product	Max. Lumens	Color	Input Power	Typical Voltage, Current
SST-90	2,250	3,000K to 6,500K	10W to 30W	3.2V, 3.2A

Relative Luminous Flux vs. Forward Current ($T_J = 25^{\circ}\text{C}$)



Yellow squares indicate reference drive conditions

Relative Luminous Flux vs. Junction Temperature ($I_F = 1.0\text{A}$)



Where to Buy

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Tel: +1 480.643.8329
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