



CBM-360 Big Chip White LED



Description

Designed for high brightness specialty lighting applications, the CBM-360 is engineered for illumination systems that require maximum lumens/mm² at the source. Featuring a low profile window and direct chip-to-air emission, the CBM-360 is optimized for coupling to proximity optics and optical fiber.

Features & Benefits

- Over 6,000 lumens
- Direct emission to air for use with proximity optics
- Thermal resistance of only 0.96 °C/W
- Lumen maintenance of greater than 70% after 60,000 hours
- Environmentally friendly: RoHS compliant
- High reliability

Applications

- Fiber Coupled Illumination
- Machine Vision
- Microscopy
- Medical illumination
- Entertainment Wash Lighting

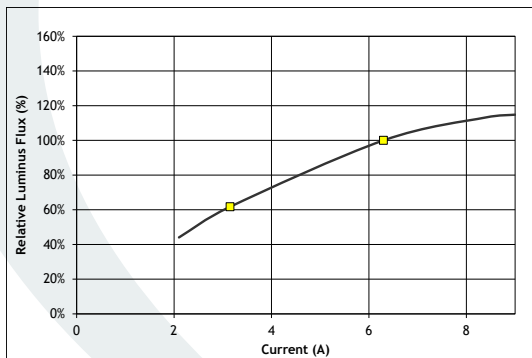
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Product Performance

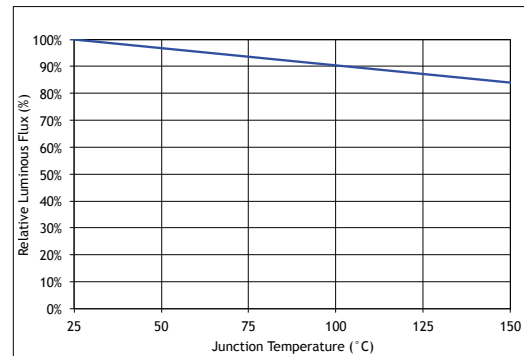
Product	Max. Lumens	Color	Input Power	Typical Voltage, Current
CBM-360	6,300	6,500K	10W to 85W	14.4V, 6.3A

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



Yellow squares indicate reference drive conditions

Relative Luminous Flux vs. Junction Temperature



Where to Buy

North America:

Avnet Electronics Marketing
Tel: +1 480.643.8329
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