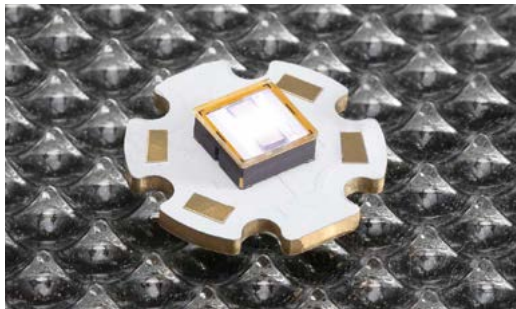


LASERLIGHT SMD LL

WHITE LIGHT EMITTER



Part Numbers: 910-0003-TR LaserLight SMD and 910-0004-IT SMD on Star MCPCB

PRODUCT OVERVIEW

LaserLight SMD by SLD Laser is the world's first high luminance, white laser light emitter in a compact 7mm SMD. Featuring 500 lumens and 1000 Mcd/m², LaserLight SMD enables ultra-long throw distances, narrow beam angles and small optic sizes for specialty lighting applications.

LIGHTING APPLICATIONS

- Architectural & Entertainment
- Outdoor & Portable
- Automotive
- Search & Rescue, Security, and Medical

FEATURES & BENEFITS

- World's highest luminance 1000 Mcd/m²
- Enables less than 2 degree beam angle from 35mm optic
- Stable efficacy vs. drive power
- Compact 7mm SMD with built-in safety features

Brighter. Smaller. Safer.



LASERLIGHT SMD LL

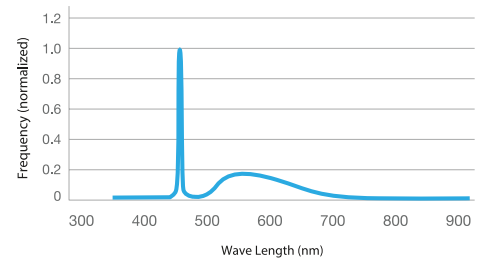
WHITE LIGHT EMITTER

PRODUCT
SPECIFICATIONS
SUMMARY

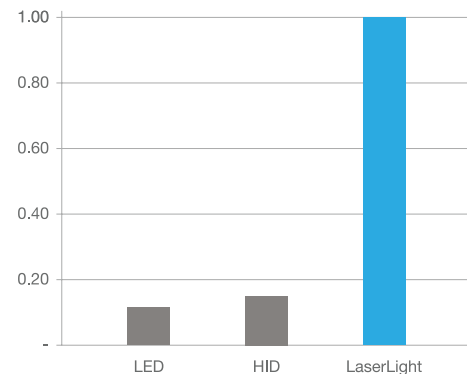
PRODUCT CHARACTERISTICS

Parameter	Units	Typical Value
Luminous Output	lm	500
Emitting Region (dia.)	mm	0.35
Luminance	Mcd/m ²	1000
Viewing Angle	deg.	120
Color Temperature (CCT)	K	6000
Color Rendering Index	CRI	70
Forward Current	A	1.65
Forward Voltage	V	8.7
Package Dimensions	mm	7.0 sq x 2.6
Max oper. temp. (case)	°C	50
Operating Lifetime	h	10,000

SPECTRAL POWER DISTRIBUTIONS



RELATIVE LUMINANCE CAPABILITY



PIONEERING THE FUTURE OF LIGHTING

Kyocera SLD Laser, Inc. is commercializing a new generation of visible laser light sources for as well as advanced sensing and LiFi communication applications. SLD Laser's high luminance LaserLight products are UL and IEC safety certified, and the company is certified to automotive IATF 16949 and ISO 9001 quality standards with facilities in Santa Barbara, CA and in Fremont, CA.

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