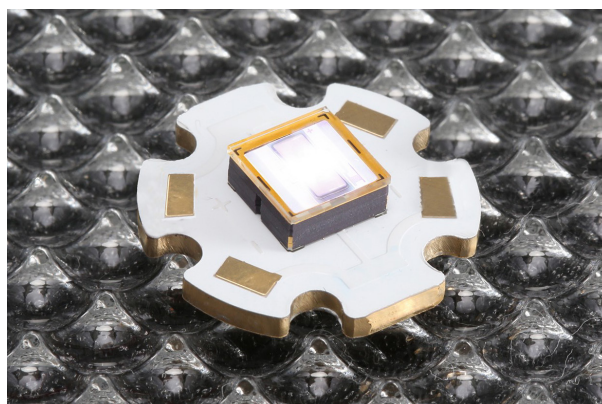


LASERLIGHT SMD

WHITE LIGHT EMITTER



Part Numbers: 910-00010-TR LaserLight SMD
and 910-00011-IT SMD on Star MCPCB

PRODUCT OVERVIEW

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



SLDLASER

LIGHTING APPLICATIONS

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

FEATURES & BENEFITS

- World's highest luminance 1000 Mcd/m²
- Enables less than 2 degree beam angle from 35mm optic
- Increased lumens & lm/W
- Compact 7mm SMD with built-in safety features

PRODUCT RECOGNITIONS

- Lightfair Innovation Award
- LEDs Magazine Sapphire Awards Finalist
- SPIE, Photonics Media Prism Award Finalist
- IES Progress Report Selection
- LaserFocusWorld Gold Innovator



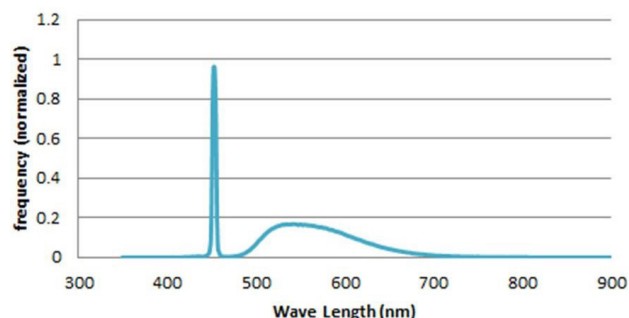
LASERLIGHT SMD

WHITE LIGHT EMITTER

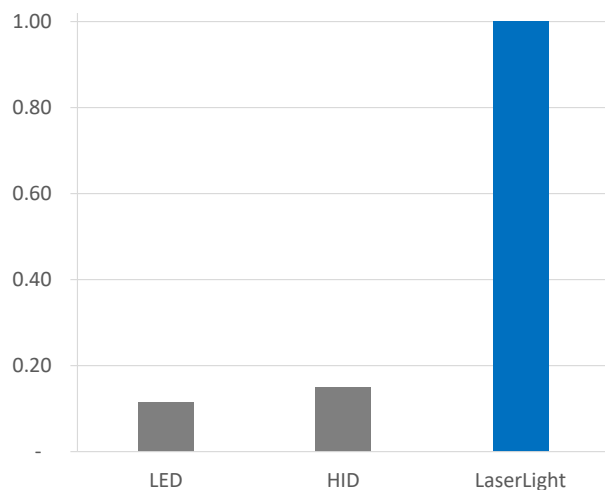
PRODUCT CHARACTERISTICS

Parameter	Units	Typical Value
Luminous Output	lm	1000
Emitting Region (dia.)	mm	0.5
Luminance	Mcd/m ²	1000
Viewing Angle	deg.	120
Color Temperature (CCT)	K	6000
Color Rendering Index	CRI	70
Forward Current	A	2.3
Forward Voltage	V	10.4
Package Dimensions	mm	7.0 sq x 2.6
Max oper. temp. (case)	°C	50

SPECTRAL POWER DISTRIBUTION



RELATIVE LUMINANCE CAPABILITY



SLDLASER

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ABOUT SLD LASER

SLD Laser is commercializing a new generation of visible laser sources for display, automotive, and specialty applications. SLD Laser's visible laser light sources are used directly in single color and R-G-B applications, or integrated into laser pumped phosphor architectures. These sources enable applications in a myriad of vertical markets, including: general lighting, automotive headlights, projection displays, defense pointers & illuminators, biomedical instrumentation & therapeutics, and industrial material processing & imaging applications. SLD Laser was founded by several leading global pioneers in solid-state lighting, including Dr. Shuji Nakamura, 2014 Nobel Laureate in Physics, Dr. Steve Denbaars, Dr. James Raring, and Dr. Paul Rudy. SLD Laser operates fabrication facilities in California's Silicon Valley and Santa Barbara, CA. To learn more about SLD Laser, visit <http://www.SLDLaser.com>, or contact the company at Info@SLDLaser.com or 805-696-6999.