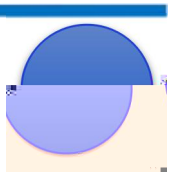
* 15mW TC = 25°C
Optical output power (continuous wave): 15mW (TC = 25°C)
* 520nm
Typical emission wavelength: 520nm
*
E cient radiation source for cw and pulsed operation
*
Single mode semiconductor laser
*
High modulation bandwidth
* TO56
TO56 package with photo diode
* MSL :2
Moisture sensitivity level MSL : 2levels
* ROHS
Environmental protection products meet ROHS requirements

* LiDAR/Tof
Lidar (LiDAR/Tof) and Range Measurement
*
Industrial Detection and Safety Sensing
*
Medical and Biophotonics
*
Military and National Defense
*
Research and Quantum Technology
*
Consumer Electronics and Security Systems

目录

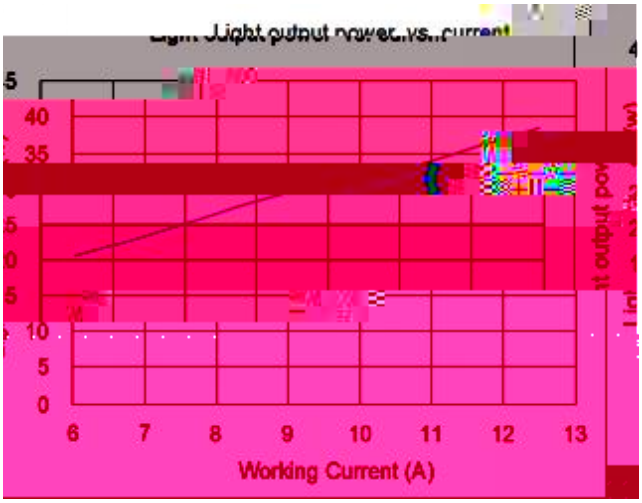


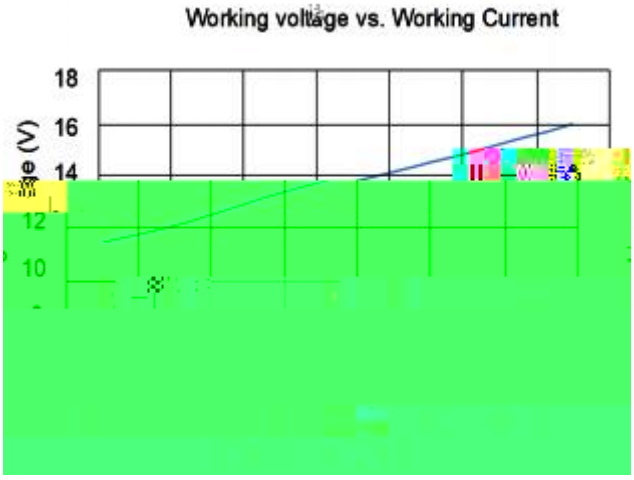
mum Ratings Ta=25

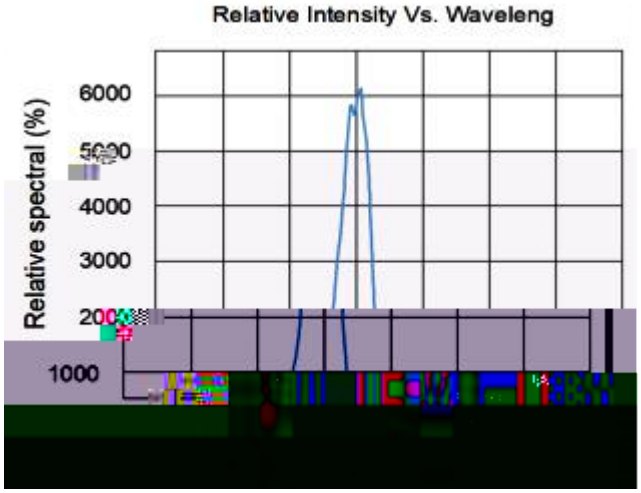
parameter	symbol		unit

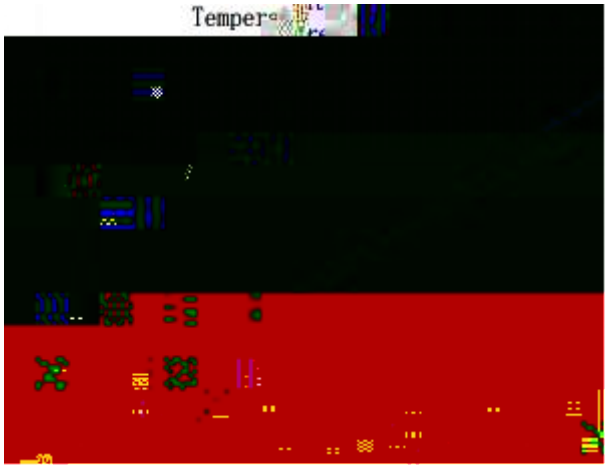
	λ					
	θ					°
	θ					°
	Δ θ					°
	Δ θ					°

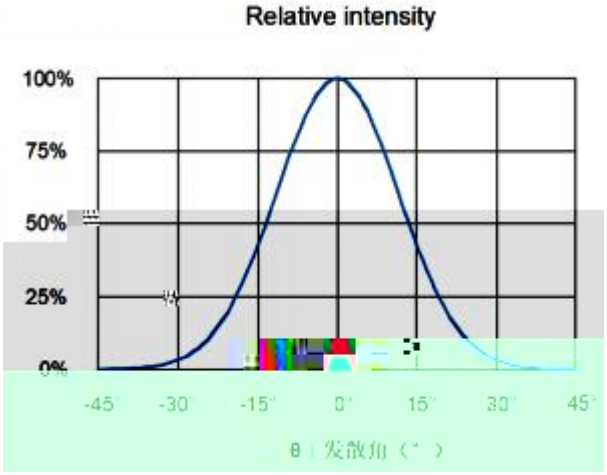
典型特性曲线

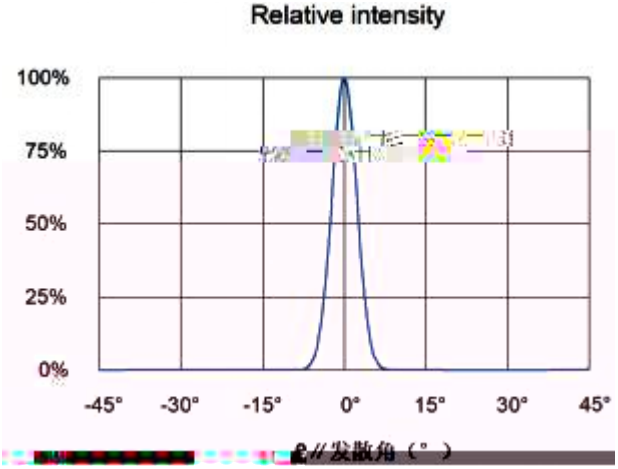

Working Current (A)

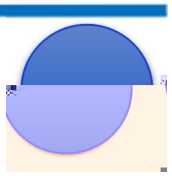

Working voltage vs. Working Current


Relative Intensity Vs. Waveleng
Relative spectral (%)

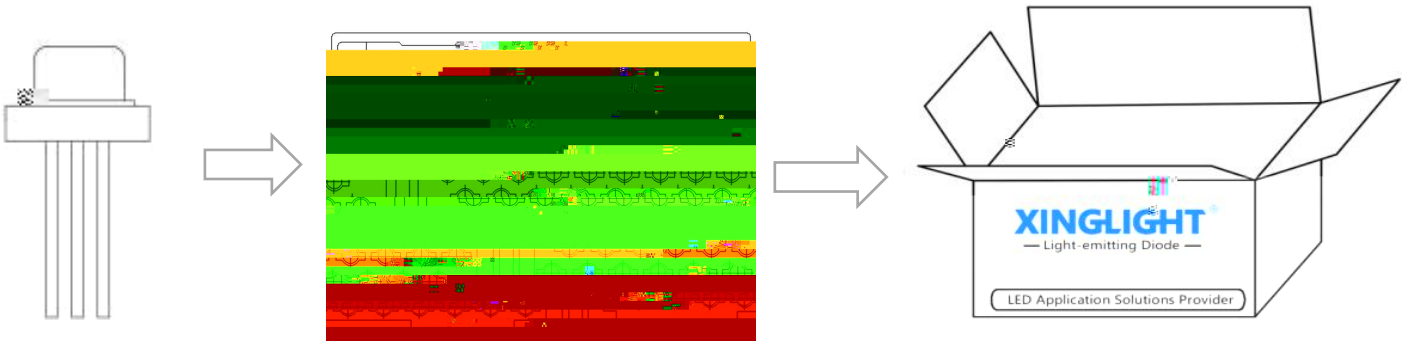



Relative intensity


Relative intensity



包装

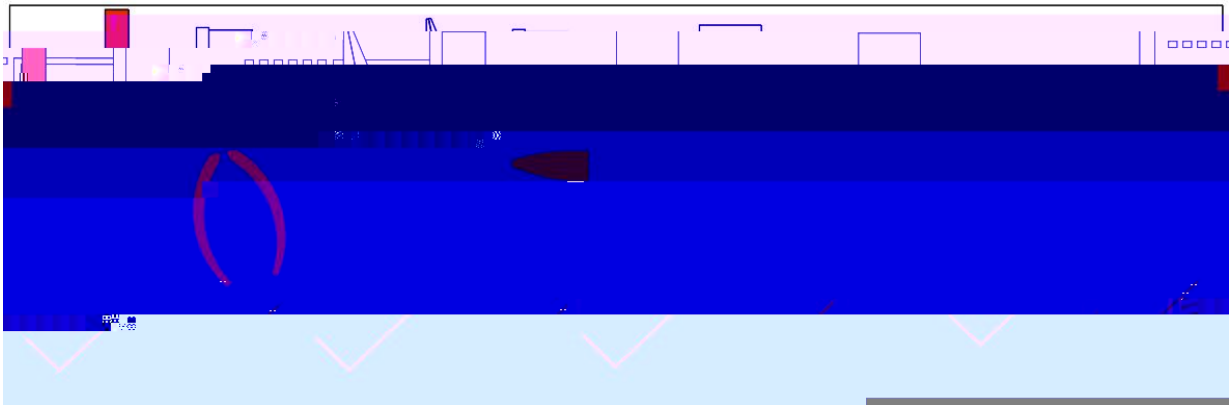

XINGLIGHT
— Light-emitting Diode —
LED Application Solutions Provider

1 2

It must be 2 mm from the colloid to bend the bracket.

2 PCB

Welding must be performed at normal temperatures. Once the laser diode has been properly mounted onto the PCB, avoid applying mechanical pressure to its pins whenever possible.



“ ” HBM <800V 3

250V-500V <100V

Plastic-coated laser diodes do not have a fixed "protection voltage" value; th Ď bj eco