

Data Sheet

Absolute Maximum Ratings (T_c=25°C)

Item	Symbol	Ratings	Unit
Optical output power	P _o	1,100	mW
LD Reverse Voltage	V _{R(LD)}	2	V
Operating Temperature	T _{opr}	0 ~ +30	°C
Storage Temperature	T _{stg}	-40 ~ +85	°C

Optical and Electrical Characteristics (T_c=25°C)

Parameter	Symbol	Min	Typ	Max	Unit	Test Condition
Threshold current	I _{th}	150	230	400	mA	-
Operating current	I _{op}	700	900	1,200	mA	P _o =1,000mW
Operating voltage	V _{op}	-	5.0	5.5	V	P _o =1,000mW
Beam divergence Parallel to the junction	θ _{//}	5	13	25	°	P _o =1,000mW, Full angle 1/e ²
Beam divergence Perpendicular to the junction	θ _⊥	30	45	60	°	P _o =1,000mW, Full angle 1/e ²
Lasing Wavelength	λ _p	400	405	410	nm	P _o =1,000mW



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1.The laser light is harmful to human body especially to eye no matter what directly or indirectly. The laser beam shall be observed or adjusted through infrared camera or equivalent.

2.This product (without violet laser diode) contains gallium arsenide (GaAs), which may seriously endanger your health even at very low doses. Please avoid treatment which may create GaAs powder or gas, such as disassembly or performing chemical experiments, when you handle the product. When disposing of the product, please follow the laws of your country and separate it from other waste such as industrial waste and household garbage.

Contact Information

www.oclaro.com

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Caution - use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

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