

Laserglow Product Datasheet

Rigel Portable Yellow Laser Module Laserglow Part Number: GRI002XXX



Similar Products:

For information about the other lasers in this product family visit:

<http://www.laserglow.com/GRI>

Ordering:

Order Online Now or Request Quote:

<http://www.laserglow.com/GRI002XXX>



Series Specifications:

Nominal Wavelength	593.5 nm
Output Type	CW
Laser Source Type	DPSS

May not be exactly as shown. See dimensional drawing for details.

Overview:

Key Features:

- *Starting at: \$299*
- *Output Power:* 0.6 mW - 4.9 mW
- *Expected Life:* 3000-5000 hours
- *Wavelength:* 593.5 nm (yellow)
- *Key Feature:* Rare yellow laser
- *Casing:* Solid Brass with pocket clip
- *Package Includes:* Portable laser, aluminum carrying case, instructions/warranty.
- *Safety Info:* Complies with Class IIIa regulations.
- *Duty Cycle:* 30 sec. on/15 sec. off

Specifications:

This spec sheet has been generated specifically for part number GRI002XXX, per your request, and data for the entire series is also displayed for your reference. The specs which are specific to GRI002XXX have been highlighted below in **red + bold**.

Laser Form Factor	GRI
Output Power (mW)	<2, <5
FDA Safety Class	IIIa
Central Wavelength (nm)	593.5
Divergence (mrad, full angle)	<1.5
Beam Diameter (mm, 1/e ²)	1
Transverse Mode	TEM00
Longitudinal Modes	Multiple
Operating Temperature Range (°C)	15 to 35
Storage Temperature Range (°C)	-10 to 50
Total Power Consumption (W)	3
Max. Power Input Duty Cycle	30 sec. on/15 sec. off
Cooling Method	Passive Air
Standard Warranty (months)	6
MTTF (operational hours)	5000
Weight of Laser Head (kg)	0.06
Laser Head Dimensions (mm)	152 (l) x 13 (d)
Power Supply	2 x AAA Batteries

CW: All specifications are based on performance at full output power and after the specified warmup period. Output characteristics may change if the laser is run at a different power level.

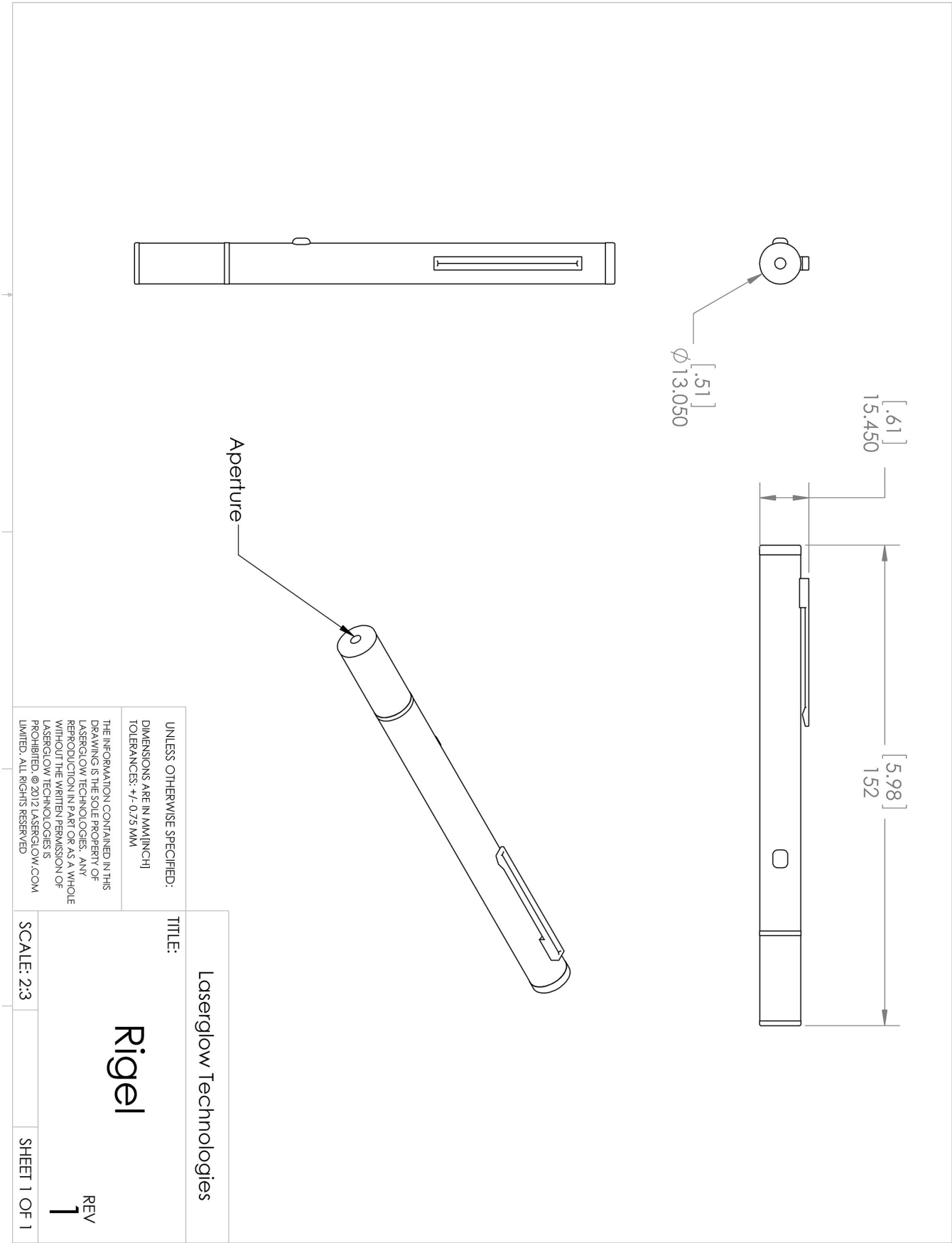
Q-Switched: Specifications are based on the laser pulsing at the specified design frequency. Output characteristics may change if the laser is run at a different frequency.

Regulatory Classification:

The model you have selected (GRI002XXX) requires the following safety label(s):





Dimensional Drawing - Laser Form Factor: GRI:



Accessories:

The most popular accessories for model GRI002XXX are shown below. For additional details regarding these or other accessories please see our website or contact us directly.

Part Number	Description	
 AGF59459X	Optical Density 6 Fit over prescription glasses Protect your vision when working with Class IIIb and Class IV green lasers. Full Details: www.laserglow.com/AGF	
 ACAGRI1XX	Carrying Case-8 Rigel Full Details: www.laserglow.com/ACA	Included With Laser

FOR MORE INFORMATION PLEASE CONTACT:

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E&OE: Data included in this sheet may be subject to change without notice.

Please confirm critical specifications with our staff prior to ordering.