

## 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

### Overview:

The Rigel's unique yellow colour truly captivates the eye, making it one of our favourite products. Using solid state sum frequency generation technology miniaturized into a 593.5 nm laser pointer the Rigel is truly a technological marvel. For those who want something more unique than red or green, Rigel provides a perfect warm golden tone, it's like holding your own miniature sun!

### Key Features:

- *Starting at: \$399*
- *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**.

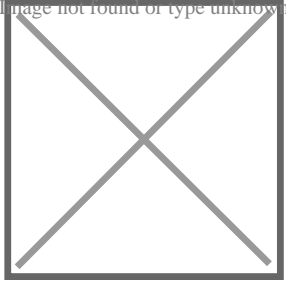
Laser Form Factor	<b>GRI</b>
Output Power (mW)	<b>&lt;2, &lt;5</b>
FDA Safety Class	<b>IIIa</b>
Central Wavelength (nm)	<b>593.5</b>
Divergence (mrad, full angle)	<b>&lt;1.5</b>
Beam Dimensions (mm, 1/e <sup>2</sup> )	<b>1</b>
Transverse Mode	<b>TEM00</b>
Longitudinal Modes	<b>Multiple</b>
Operating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

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.

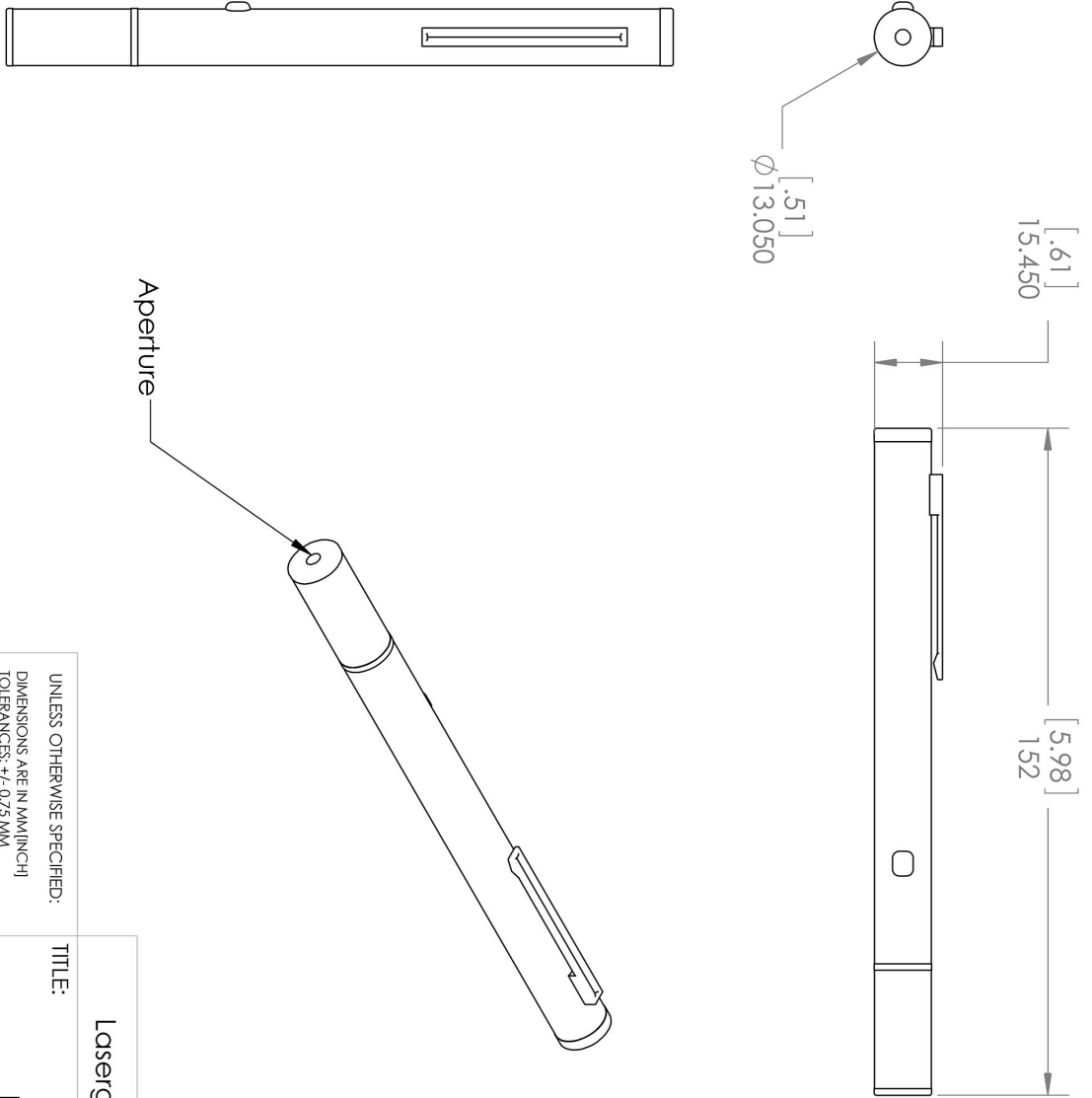
Q-Switched: Specifications are based on the laser pulsing at the specified design frequency. Output characteristics may change if the laser is run at a different frequency.

**Regulatory Classification:**

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



**Dimensional Drawing - Laser Form Factor: GRI:**



UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN MM(INCH)  
 TOLERANCES: +/- 0.075 MM

<p><b>Laserglow Technologies</b></p>	
<p>TITLE:</p>	
<p><b>Rigel</b></p>	
<p>REV <b>1</b></p>	
<p>SCALE: 2:3</p>	<p>SHEET 1 OF 1</p>

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**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	
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**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.