

Laserglow Product Datasheet

Rigel Portable Yellow Laser Module



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 GRI-GRI, per your request, and data for the entire series is also displayed for your reference. The specs which are specific to GRI-GRI have been highlighted below in **red + bold**.

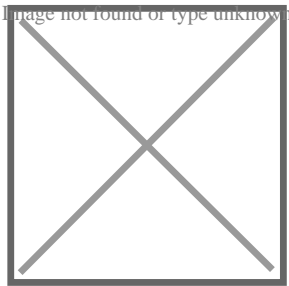
| | |
|--|-------------------------------|
| Output Power (mW) | <2 |
| Central Wavelength (nm) | 593.5 |
| Divergence (mrad, full angle) | <1.5 |
| Beam Dimensions (mm, 1/e ²) | 1 |
| Operating Temperature Range (°C) | 15 to 35 |
| Total Power Consumption (W) | 3 |
| Max. Power Input Duty Cycle | 30 sec. on/15 sec. off |
| Standard Warranty (months) | 6 |
| MTTF (operational hours) | 5000 |
| Weight of Product or Laser Head (kg) | 0.06 |
| Dimensions of Product or Laser Head (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.

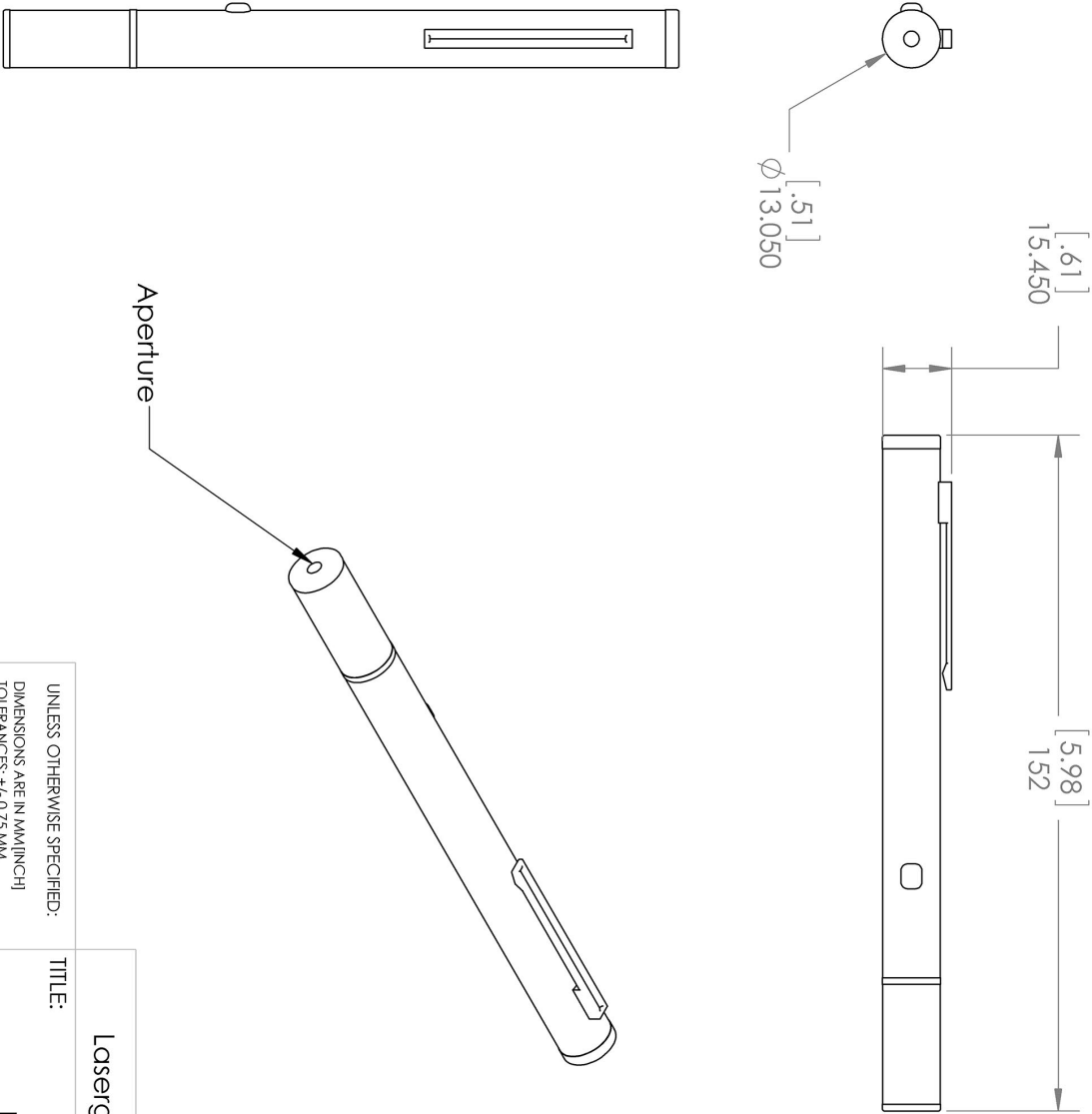
Q-Switched: Specifications are based on the laser pulsing at the specified design frequency. Output characteristics may change if the laser is run at a different frequency.

Regulatory Classification:

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



Dimensional Drawing - Laser Form Factor: GRI:



| | |
|--|--------------|
| Laserglow Technologies | |
| TITLE: | |
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM(INCH) TOLERANCES: +/- 0.75 MM | |
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| SCALE: 2:3 | SHEET 1 OF 1 |

Rigel

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Accessories:

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

| Part Number | Description | |
|-------------|-------------|--|
|-------------|-------------|--|

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.