

**HANDHELD LASERS****GALILEO**

GGA005XXX

**532nm**

Nominal Wavelength

**CW**

Output Type

**DPSS**

Laser Source Type

The Galileo is the latest in functionality, reliability and output power stability. The click-on, click-off switch allows hands-free operation and easy use when continuous operation is required. The miniature heat sink means that the output will not drop during long operating periods. A fresh, high-capacity single lithium battery will keep this unit running for up to 2 hours! The Galileo is ideal for alignment, astronomy, and all other continuous use applications.

All of Laserglow's green laser pointers are IR-filtered for safety and employ APC technology to maintain constant output power. APC (Automatic Power Control) is a system that uses an optical feedback loop to ensure stable laser output.

**KEY FEATURES**

Output Power: 3.0 mW - 5.0 mW

Casing: Hard Anodized black machined aluminum

Wavelength: 532 nm (green)

Key Feature: 100% continuous operation, click-on/click-off

Package Includes: Portable laser, standard-capacity battery, carrying case, instructions/warranty.

Safety Info: Complies with Class IIIa regulations.

Duty Cycle: 100%

## SPECIFICATIONS

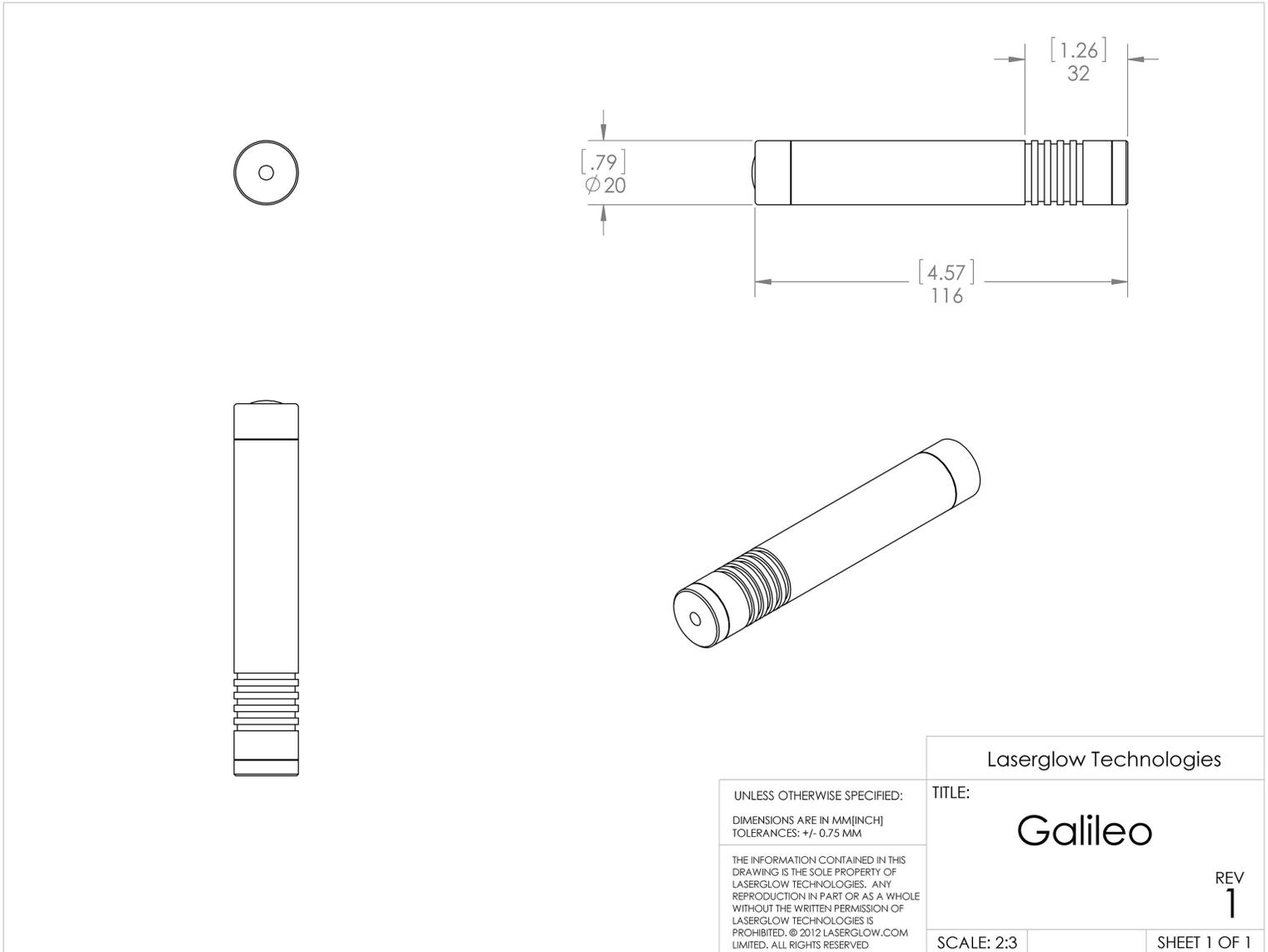
Laser Form Factor	GGA
Output Power (mW)	<5
FDA Safety Class	IIIa
Central Wavelength (nm)	531.65
Divergence (mrad, full angle)	<1.2
Beam Dimensions (mm, 1/e <sup>2</sup> )	1.5
Transverse Mode	TEM00
Longitudinal Modes	Multiple
Operating Temperature Range (°C)	15 to 35
Storage Temperature Range (°C)	-10 to 50
Total Power Consumption (W)	2
Max. Power Input Duty Cycle	100%
Cooling Method	Passive Air
Standard Warranty (months)	6
MTTF (operational hours)	5000
Weight of Product or Laser Head (kg)	0.08
Dimensions of Product or Laser Head (mm)	118 (l) x 20 (d)
Power Supply	1 x CR123A Battery

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 (GGA005XXX) requires the following safety label(s):



**DIMENSIONAL DRAWING - LASER FORM FACTOR: GGA**

**FOR MORE INFORMATION PLEASE CONTACT**

**LASERGLOW TECHNOLOGIES**  
 99 Ingram Dr. Unit B, North York, ON, Canada M6M2L7  
 Tel. (416) 729-7976 Fax (716) 322-3510  
 sales@laserglow.com www.laserglow.com

E&OE: Data included in this sheet may be subject to change without notice.  
 Please confirm critical specifications with our staff prior to ordering.