



GALILEO PRO

GGE005XXX

SPECIFICATION SHEET



532nm Nominal Wavelength	CW Output Type	DPSS Laser Source Type
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Overview

Galileo Pro with adjustable beam alignment. Adjustable set screws can be used to direct the beam parallel to the housing, as beams in most hand-held laser pointers are not guaranteed parallel. This makes the Galileo PRO a perfect choice where the body of the laser should serve as your alignment guide, or when the laser rotates on a shaft. 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 - 5.0mW
- Casing: Hard Anodized black machined aluminum
- Wavelength: 532 nm (green)
- 100% continuous operation
- 4 Adjustable set screws to allow beam steerage
- Package Includes: Portable laser, battery, Allen key, carrying case, instructions/warranty
- Safety Info: Complies with Class IIIa regulations.
- Duty Cycle: 100%

Specifications

Laser Form Factor?	GGE
Output Power (mW):	<5
FDA Safety Class:	IIIa
Central Wavelength (nm):	531.65
Divergence (mrad, full angle):	<1.2
Beam Dimensions (mm, 1/e ²):	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

Laserglow Technologies

United States: 6590 Sims Dr, Sterling Heights, MI 48313 | (313) 889-6777

Canada: 99 Ingram Dr Unit B, North York, ON M6M 2L7 | (416) 729-7976

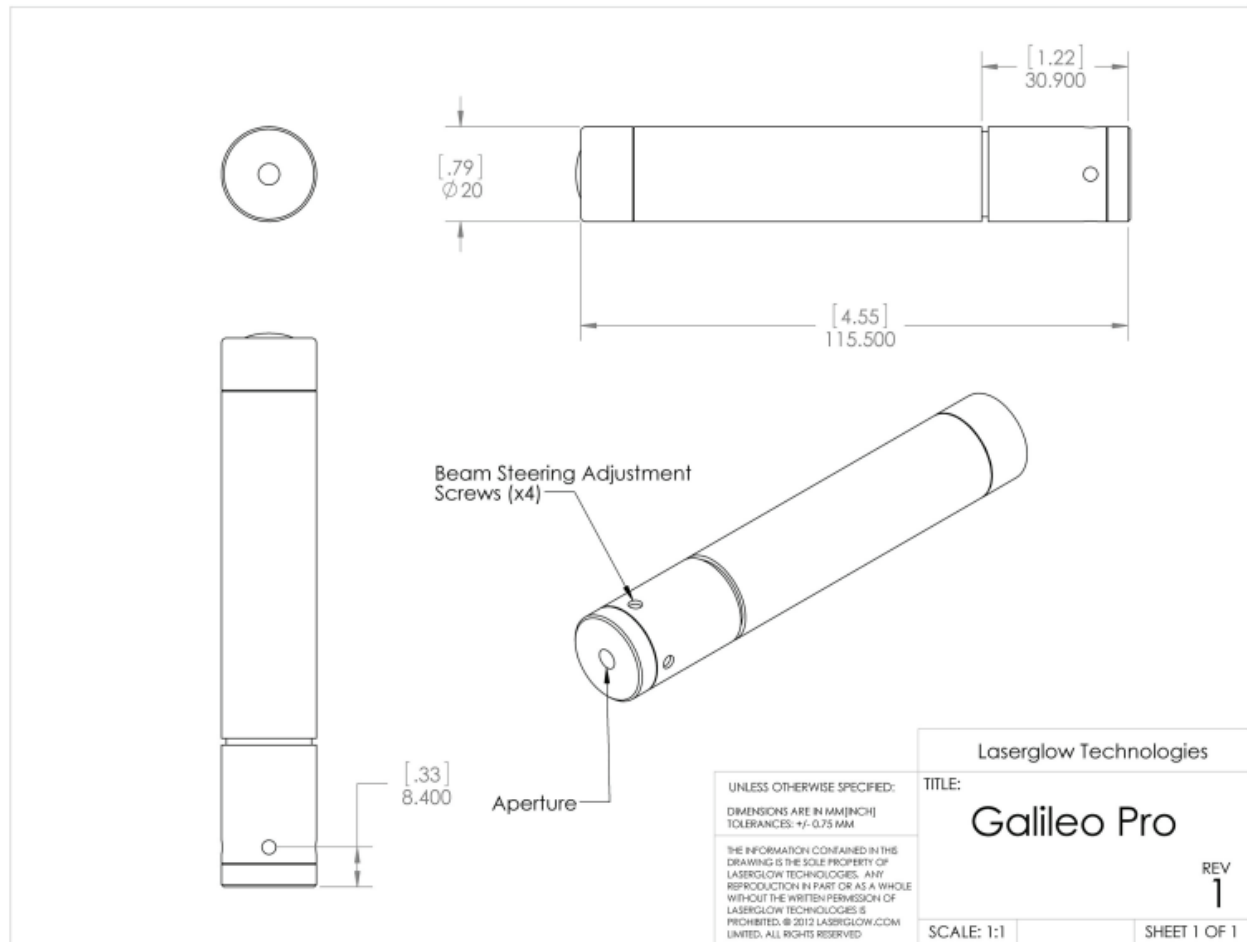
CW: All specifications are based on performance at full output power and after the specified warmup period. Output characteristics may change if the laser is run at a different power level. Q-Switched: Specifications are based on the laser pulsing at the specified design frequency. Output characteristics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

REGULATORY CLASSIFICATION

The model you have selected (GGE005XXX) requires the following safety label(s):



DIMENSIONAL DRAWING - LASER FORM FACTOR: GGE



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