

Galileo Pro Portable Alignment Laser Module



Series Specifications:

Nominal Wavelength	532 nm
Output Type	CW
Laser Source Type	DPSS

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:

- *Starting at: \$129*
- *Output Power: 3 mW - 5 mW (model dependent)*
- *Casing: Hard Anodized black machined aluminum*
- *Wavelength: 532 nm (green)*
- *Key Feature: 100% continuous operation*
- *Key Feature: 4 Adjustable set screws to allow beam steering*
- *Package Includes: Portable laser, battery, Allen key, carrying case, instructions/warranty.*
- *Safety Info: Complies with Class IIIa regulations.*
- *Duty Cycle: 100%*

Quality, safety and unique features make Laserglow the leader in green pointers. [Learn more here.](#)

Specifications:

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

Laser Form Factor	GGE
Output Power (mW)	>3, <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
Approximate Peak Power (W)	5
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.

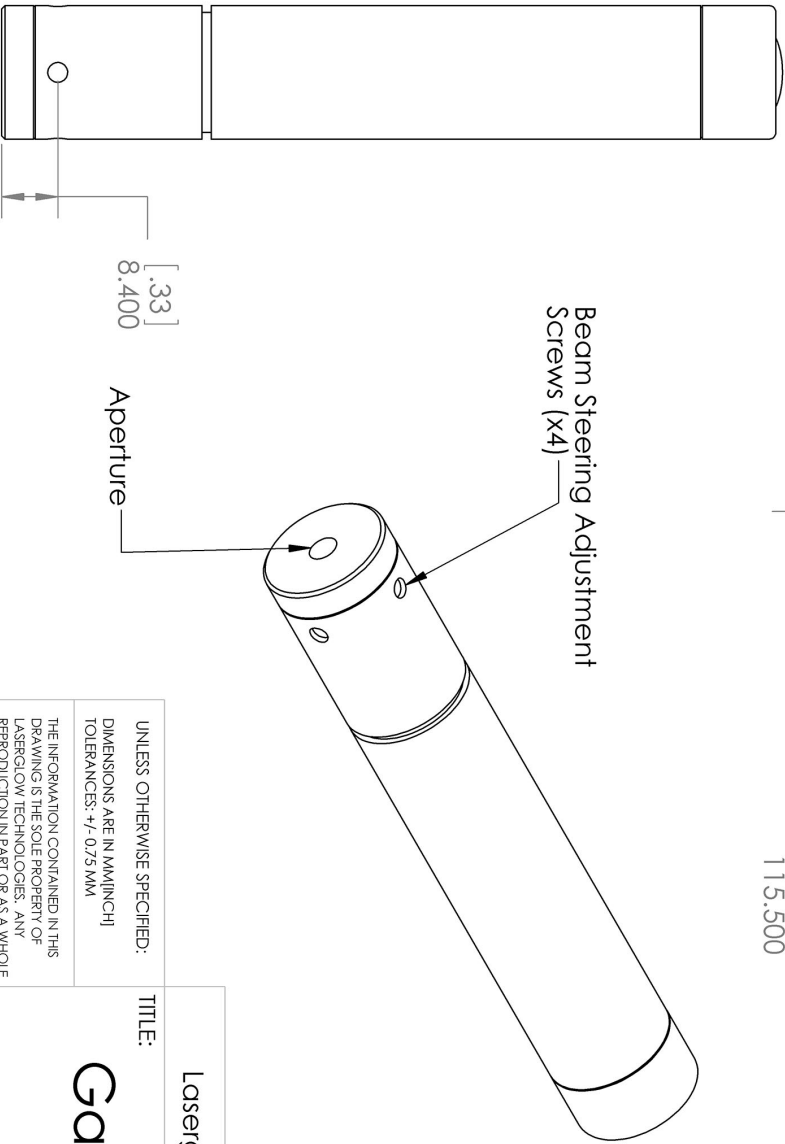
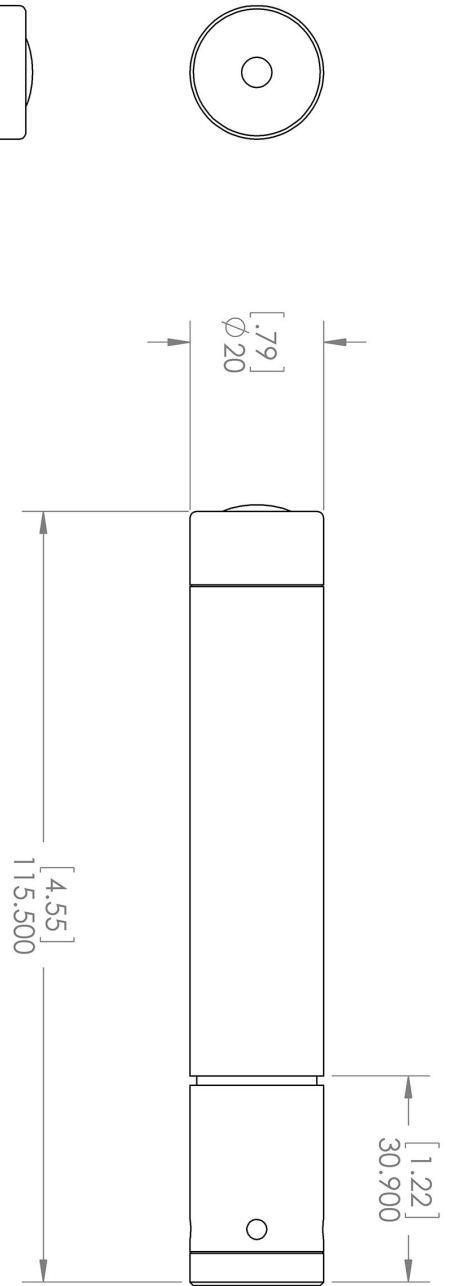
Q-Switched: Specifications are based on the laser pulsing at the specified design frequency. Output characteristics may change if the laser is run at a different frequency.

Regulatory Classification:

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



Dimensional Drawing - Laser Form Factor: GGE:



Beam Steering Adjustment
Screws (x4)





Aperture

[.33]
8.400

<p>Loserglow Technologies</p>	
<p>TITLE:</p>	
<p>Galileo Pro</p>	
<p>REV 1</p>	
<p>SCALE: 1:1</p>	<p>SHEET 1 OF 1</p>
<p>UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETER TOLERANCES: +/- 0.254 MM</p>	
<p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LASERGLOW TECHNOLOGIES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LASERGLOW TECHNOLOGIES IS PROHIBITED. © 2012 LASERGLOW.COM LIMITED. ALL RIGHTS RESERVED</p>	

Accessories:

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

Part Number	Description	
 AGM00GXXX	Galileo GlowMount Tripod Adaptor 20.1mm ID Full Details: www.laserglow.com/AGM	
 ASE001XXX	Engraving On Laser Pointer Max. 2 lines 45 characters each Full Details: www.laserglow.com/ASE	
 ATPC50XXX	Table Top Tripod Max height 600mm Full Details: www.laserglow.com/ATP	
 ATPC30XXX	Mini Tripod Max height 175mm Full Details: www.laserglow.com/ATP	

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.