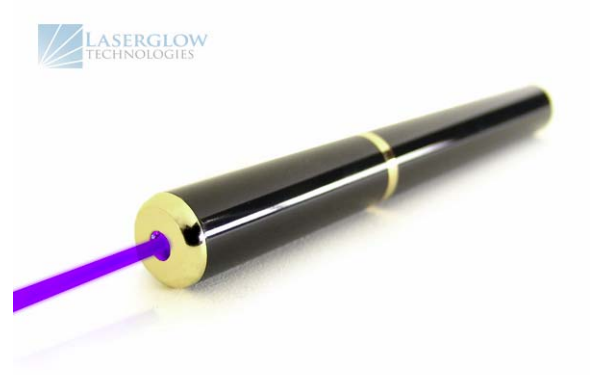


Electra Series Violet Laser Pointer

The shortest wavelength available in a laser pointer, the Electra produces laser light very close to the ultraviolet part of the visible spectrum at 405nm. The unique properties of this laser include the ability to excite fluorescent and phosphorescent materials. The Electra can be a useful educational tool in the classroom as well as a reliable near-UV portable light source for field work.



Key Features:

- *Starting at: \$249*
- *Output Power: Varies with model*
- *Expected Life: 5000 hours*
- *Wavelength: 405nm (violet)*
- *Key Feature: Violet beam causes fluorescence effect in various materials*
- *Package Includes: Portable laser, aluminum carrying case, instructions/warranty.*
- *Casing: Hard anodized machined aluminum*
- *Safety Info: Under 5 mW complies with Class IIIa regulations*
- *Duty Cycle: 100%*

Item	Details	Price (USD)
Electra-5	Sustained: 2.0-4.9 mW	\$249
	Peak: <5mW	
Electra-6	Sustained: 5-9 mW	\$269
	Peak: ~9mW	
Electra-10	Sustained: 10-19 mW	\$289
	Peak: ~15mW	
Electra-20	Sustained: 20-39 mW	\$339
	Peak: ~30mW	
Electra-40	Sustained: 40-59 mW	\$439
	Peak: ~50mW	
Electra-60	Sustained: 60-79 mW	\$539
	Peak: ~70mW	
Electra-80	Sustained: 80-99 mW	\$689
	Peak: ~90mW	
Electra-100	Sustained: 100-149 mW	\$889
	Peak: ~140mW	
Electra-150	Sustained: 150-179 mW	\$1,389
	Peak: ~170mW	
Electra-175	Sustained: 175-199 mW	\$1,689
	Peak: ~190mW	

SPECIFICATIONS:

Series Name	Electra Series
Dimensions (mm)	155 x 24
Battery Type	2pcs. CR-2 lithium
Sustained Output Power	5-60 mW
Wavelength	405 nm
Output Type	CW (continuous wave)
Cooling Method	Air
Beam Color	Violet
Transverse Mode	Near TEM00
Beam Diameter	~3 mm
Beam Divergence	<0.5 mrad
Operating Temperature	20 - 35°C
Expected Lifetime	5,000 hours
Warranty Period	6 months

If selecting an Electra over 5mW, you should be aware that this laser is not FDA compliant and is intended for use in countries that do not require FDA Class IIIb certification for lasers over 5mW. If your country requires FDA (or equivalent) certification you should choose the Electra PRO instead.

DANGER!

CLASS IIIa LASER PRODUCT

Laser radiation emitted from the aperture of this device.

Avoid direct or reflected exposure to the beam.

Wavelength: 405 nm Output power: <5 mW

Device is compliant with 21 CFR1040.10 and 1040.11

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