

The **LASPRO EL 1G, EL 1.5G, EL 2.5G, EL 4G and EL 6G** is a compact and lightweight Class 4 green laser system.



Description

- Optical parts & lasers are dust protected
- Laser lifetime ($\geq 10,000$ h)
- 60 x 60 degree projection angle
- Active air cooling
- IP Network (optional)
- USB (optional)
- DMX (optional)
- Extremely robust under regular touring conditions
- 1-year warranty
- Can be operated with any ILDA-compatible controller

Dimension

WxLxH: 309 x 226 x 191 mm

Weight: 12 kg

Laser

Class 4

Type: DPSS laser, cw emission

P lambda 532 nm

Beam divergence: < 1.2 mrad

Beam diameter: 3-4 mm

EL1G min. 0.5 W, max 1 W

EL1.5G min. 1 W, max. 1.5 W

EL2.5G min. 2 W, max 2.5 W

EL4G min. 3 W, max. 4 W

EL6G min. 5 W, max. 6 W

Modulation: analog up to 30,000 Hz

Scanner: AB40 (40kpps), Optional CT 6215 up to 60kpps

Built in functions

Full scanner control (mirror X/Y)

Scan fail safety

Key switch

Interlock

Low noise fan (RPM temperature controlled)

Installation

Orientation: Any

Connections

AC power input: 3-pin IEC male socket

Analog (ILDA) in/out: 25-pin sub-D

Interlock: 9-pin sub-D

Electrical

AC power: 100-240 V nominal, 50/60 Hz

PSU: Auto-ranging electronic switch-mode

Main fuse: 2 AT

Thermal

Maximum ambient temperature (T_a max.): 35° C (104° F)

Minimum ambient temperature (T_a min.): 10° C (41° F) non-condensing

Approvals

FDA Standard, CE