

The **LASPRO PL4G** is a compact and lightweight Class 4 laser system with green color.



Desceiption

- Maintenance free
- Complete sealed housing (all electronic & optical parts & lasers are dust protected)
- Laser lifetime (≥ 10.000 h)
- 60 x 60 degree projection angle (max. 80°x 80°)
- Active air cooling
- Green
- Noise level less than 30 dBA at 1 m (3.3 ft)
- Weatherproof rating: IP52 (optional IP65)
- IP Network (optional)
- USB (optional)
- DMX (optional)
- Extremely robust under regular touring conditions
- 2-year warranty*
- Maintenance-free
- Can be operated with any ILDA-compatible controller

Dimension

WxLxH: 405 x 199,5 x 121,9 mm
(incl. mounting yoke: 470 x 199,5 x 180,36 mm)

Weight: 11 kg

Laser

Class 4
Type: DPSS laser, cw emission
P lambda 532 nm: Max. 4.5 W cw
Beam divergence: 1 mrad
Beam diameter: 3,5 mm
Green wavelength: 532 nm +/- 1 nm @ 4 Watt
Modulation: up to 50.000 Hz

Scanner: CT 6210 (up to 60.000 pps)

Built in functions

Individual laser color adjustment
Full scanner control (mirror X/Y, X/Y swap)
Adjustable scanner size X,Y
Scan safety
Key switch
Interlock
Low noise fan (RPM temperature controled)
Over temperature protection

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

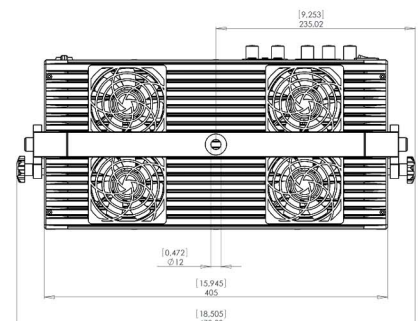
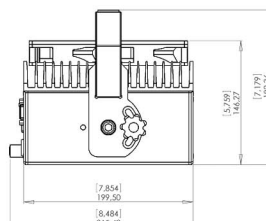
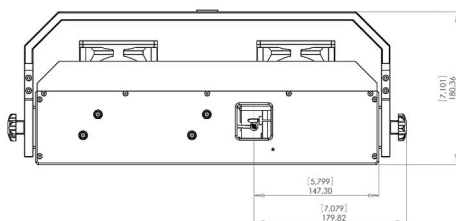
AC power: 100-240 V nominal, 50/60 Hz
PSU: Auto-ranging electronic switch-mode
Main fuse: 5 AT

Thermal

Maximum ambient temperature (T_a max.): 40° C (104° F)
Minimum ambient temperature (T_a min.): 5° C (41° F) non-condensing

Approvals

CE, ISO9001
CDRH confirm
EU safety: EN 60825



* One year full warranty, second year only on parts.