

The LASPRO EL6RGB a compact and lightweight Class 4 laser system with stoning colors and pure whites.



Description

- Optical parts & lasers are dust protected
- Laser lifetime (≥ 10.000 h)
- 60 x 60 degree projection angle
- Active air cooling
- Pure white
- 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: 420 x 336 x 216 mm

Weight: 18 kg

Laser

Class 4

Type: Diode and DPSS laser, cw emission

P lambda 440 nm - 642 nm: Max. 6 W cw

White light output: 5 W

Beam divergence: < 1.2 mrad

Beam diameter: 4 mm

Red wavelength: 637 nm $\pm$ 2 nm @ 1 Watt

Green wavelength: 532 nm $\pm$ 1 nm @ 1 Watt

Blue wavelength: 445 nm $\pm$ 2 nm @ 2 Watt

Modulation: 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: 4 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