Laserworld PL-70 FB4



The latest generation of Purelight **IP65** laser systems features innovative **RSL2 technology**, which combines an extremely compact and lightweight design with outstanding beam quality. Delivering **70'000 mW** of power and featuring an IP65 rating, the **Laserworld PL-70 FB4** is a great choice for the most demanding large-scale club installations, touring and production, and even the largest outdoor shows. Its **30 kpps @ 8°** scanning system ensures it is fully capable of handling complex graphics projections.
Each device features an integrated FB4 mainboard and a built-in color display for easy operation mode configuration. This hardware allows the Purelight Series to be controlled directly via various laser software or integrated into lighting setups via **DMX and Art-Net.**

- Innovative RSL2 module technology for optimized optical performance and a compact housing
- Professional graphics capable – 30 kpps @ 8°
- Maximum scan angle: 50°
- Full color mixing – analog modulation
- Sharp, intense beams – ca. 10 mm
- IP65 waterproof housing – ideal for heavy-duty outdoor use
- Save safety settings directly to the laser (applies in all modes)
- Link multiple units with Power, DMX, and ILDA linking
- Multiple control modes: Auto, DMX, Art-Net, and ILDA
- Including waterproof flightcase
- Integrated Pangolin FB4 interface

TECHNICAL DETAILS

Guaranteed Power at aperture	70'000 mW
Power Red	23'000 mW / 638 nm
Power Green	28'000 mW / 520 nm
Power Blue	28'000 mW / 450 nm
Beam Specifications	ca. 10 mm / 1.1 mrad
Scanner	30 kpps @ 8°
Max. Scan Angle	50°
Operation Modes	FB4, ILDA, DMX
Laser Class	4

Laser Source	Diode
Basic Patterns	Available for download
Accessories	Incl. waterproof flightcase, power cable, manual, interlock, key
Power Supply	85 V - 250 V / AC, 50/60 Hz
Power Consumption	800 W
Dimensions	480 x 360 x 290 mm (L x W x H)
Weight	29 kg
EAN / MPN	7640144998547FB4

*Due to Advanced Optical Correction technology used in our laser systems the optical power of each colour within installed laser module(s) may slightly differ from the specification of respective laser module(s). Divergence FWHM average depending on model.