Laserworld PL-5 FB4



The latest generation of Purelight **IP65** laser systems features innovative **RSL2 technology**, combining an extremely compact and lightweight design with outstanding beam quality. With **5'000 mW** of power and an IP65 rating, the **Laserworld PL-5 FB4** is a dependable choice for large-scale club installations, touring, production, and smaller outdoor shows. Its **45 kpps @ 8°** scanning system ensures it is capable of professional-level 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 – 45 kpps @ 8°
- Maximum scan angle: 50°
- Full color mixing with analog modulation
- Sharp, intense beams – ca. 5.5 mm
- IP65 waterproof housing
- Save safety settings directly to the laser for application in all operation 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	5'000 mW
Power Red	1'000 mW / 638 nm
Power Green	2'000 mW / 520 nm
Power Blue	3'000 mW / 450 nm
Beam Specifications	ca. 5.5 mm / 0.9 mrad
Scanner	45 kpps @ 8°
Max. Scan Angle	50°
Operation Modes	FB4, ILDA, DMX
Laser Class	4

Laser Source	Diode
IP rating	IP65
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	80 W
Dimensions	313 x 200 x 212 mm (L x W x H)
Weight	13.0 kg
EAN / MPN	7640144998462FB4

*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.