Laserworld PL-20 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 **20'000 mW** of power and featuring an IP65 rating, the **Laserworld PL-20 FB4** is a great choice for large-scale club installations, touring and production, and larger outdoor shows. Its **40 kpps @ 8°** scanning system ensures it is fully capable of handling professional 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.**

- RSL2 module, optimized optical performance and a more compact housing
- Graphics capable – 40 kpps @ 8°
- Max. scan angle: 50°
- Full color mixing – analog modulation
- Sharp, intense beams – ca. 6.5 mm
- IP65 waterproof housing
- 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	20'000 mW
Power Red	5'500 mW / 638 nm
Power Green	8'000 mW / 520 nm
Power Blue	9'000 mW / 450 nm
Beam Specifications	ca. 6.5 mm / 0.9 mrad
Scanner	40 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 plastic case, power cable, manual, interlock, key
Power Supply	85 V - 250 V / AC, 50/60 Hz
Power Consumption	280 W
Dimensions	365 x 234 x 232 mm (L x W x H)
Weight	16 kg
EAN / MPN	7640144998486FB4



*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.