Laserworld PL-20



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** 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 ShowNET mainboard and a built-in color display for easy operation mode configuration. This powerful hardware allows the Purelight Series to be controlled directly via LAN connection using various laser software or integrated into professional lighting setups via **DMX and Art-Net.**

- Innovative RSL2 module technology for optimized optical performance and a compact housing
- Minimum power at aperture: 20'000 mW
- Professional graphics capable – 40 kpps @ 8°
- Maximum scan angle: 50°
- Sharp, intense beams – ca. 6.5 mm
- IP65 waterproof housing – ideal for outdoor use
- Save safety settings directly to the ShowNET mainboard
- Link multiple units with Power, DMX, and ILDA linking
- Free computer control software (Showeditor) included – upgradable to Showcontroller
- Multiple control modes: Auto, DMX, Art-Net, and ILDA
- Built-in display for easy selection of operating modes
- Including waterproof flightcase

ShowNET mainboard as standard:

- Various control options:

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	ILDA, DMX, Art-Net, LAN, ILDA streaming, integrated SD card, stand-alone
Laser Class	4

Laser Source	Diode
Basic Patterns	over 120 (level, tunnel, grid, waves, etc.)
Accessories	Incl. waterproof flightcase, power cable, manual, interlock, key, full version Showeditor software license included
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	7640144998486

*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.