

Unity ELITE 5 PRO FB4

PRODUCT SPECIFICATION SHEET



Unity Elite 5 PRO FB4 lasers is our top-of-the-range laser system with the integrated Pangolin FB4 media server.

Elite 5 PRO FB4 laser is ideal for clubs, lighting designers and special effects and rental companies who prefer direct control of their lasers over DMX and Artnet. All systems use semiconductor laser diodes, are full-colour RGB with analogue modulation, and are integrated into robust housing. They are suitable for permanent installations in clubs, touring and rental situations.

The Elite 5 PRO FB4 is suitable for medium-sized indoor venues and events.

Unity ELITE 5 PRO FB4

PRODUCT SPECIFICATION SHEET



SPECIFICATIONS

Product Name:	Unity ELITE 5 PRO FB4
Type Of Laser:	Full-colour, Semiconductor diode laser system
Guaranteed Optical Output:	> 5500mW
Suitable For:	Medium-sized venues and indoor events; laser shows and laser graphic displays
Control Signal:	Pangolin FB4 [Ethernet, ArtNet, DMX, ILDA PC, Lighting Console, Auto Mode]
Scanning System:	35kpps @ 8°
Scan Angle:	max. 50°
Safety:	Fully complies with the latest EN 60825-1 and FDA regulations
Weight:	9.2kg
Package Includes:	Heavy-duty flight case, laser projector, mains-power cable, 10M Ethernet signal cable, E-STOP Remote with 10M XLR cable, set of 4 safety keys, 3-pin interlock bypass plug [for the US only], USB drive with a User Manual, QC certificate.
R G B [mW]:	1230 1800 2500
Beam Size [mm]:	6 x 5
Beam Divergence:	<1.5mrad [Full Angle]
Modulation:	Analog 100kHz
Power Requirements:	100-230V/50Hz
Consumption:	Max. 200W
Operation Temperature:	10-40 °C
Ingress Rating:	IP 20
System Features:	All the adjustments, such as the power output of each colour, X & Y axes invert, X & Y size and position, etc., are controlled digitally via the FB4 control system. Scanning system protection. Daisy chain of emergency STOP signal for multiple system "one-hit" operation.
Laser Safety Features:	Keyed interlock, Emission delay, Magnetic interlock, Scan-fail safety, Mechanical shutter, Adjustable aperture masking plate.
Notice:	*Due to Advanced Optical Correction technology used in our laser systems, each laser colour's optical power output may slightly differ from the specification of the respective laser module(s) installed. This does not affect the total guaranteed power output.
Dimensions [mm]:	Depth: 300 Width: 307 Height: 181