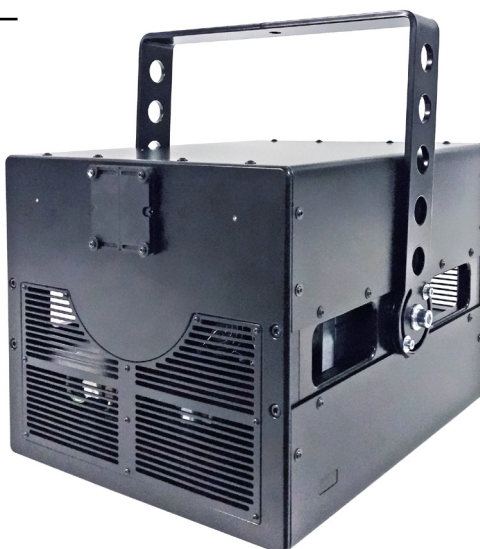


ELECTRUS 36W

TECHNICAL DATA SHEET



TESTED BY
DEVELOPED BY
ARCTOS
Showlasertechnik GmbH
Laser manufacturer in Bavaria



DIMENSIONS (without yoke and feet)

Height: 280 mm

Width: 330 mm

Length: 390 mm

Weight 50 kg (incl. yoke)

HOUSING MADE BY ARCTOS

Black powdered aluminium

Packaging: Cardboard Box

Flightcase on request

ELECTRUS 36W SPECIFICATIONS | 100% ARCTOS DIODE LASERS

ELECTRUS 36W

Total RGB Output power	41.9 W (int.)	36.1 W (ext.)	Beam divergence
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ARCTOS® Red Diode	638 nm	6.2 W	5.6 W	1.2 mrad
ARCTOS® Red Diode	658 nm	7.2 W	6.5 W	1.2 mrad
ARCTOS® Green Diode	520 nm	10.5 W	9.0 W	0.5 / 0.8 mrad
ARCTOS® Blue Diode	445 nm	18.0 W	15.0 W	0.5 / 0.8 mrad

LASERSYSTEM DATA

Beam diameter: 8 mm

Analog modulation: 0-5V up to 50 kHz

Operating voltage: 110-240 VAC

Power consumption: @ max. 1.2 kW

Laser class: 4

IP Grade: IP 50 Standard (IP 54 on request)

LASERBEAM SOURCE

100% ARCTOS DLP controlled diode laser

ARCTOS® Blue Diode 445 nm or 460 nm / or mixed on request

ELECTRUS 36W IN ACTION



LASERBEAM SHOWS AND GRAPHIC PROJECTIONS

Powerful indoor and outdoor beamshows	Reasonable projection size up to max. 100 m x 100 m	High performance and efficiency lasersystem
Designed for large scale events and venues	Guaranteed spectacularity for impressive outdoor shows	Unique laserpower housed in pure compactness
Graphic projection distance up to 500 m max.	Vibrant laserpower paired with handy compactness	Breathtaking stunning color brightness

LASER SAFETY AND COMPONENTS

INTERFACES AND CONTROLS

Control:	ILDA standard
Safety:	Key switch; FDA scan-safe
Remote control:	Neutrik Ethercon
Scan image invert:	Invert-X; Invert-Y
Color adjustment:	Intensity R G B (0-100%)
Mains:	Neutrik Power Con
Thermal control:	TEC Peltier Elements and AIR cooling

INTEGRATED PANGOLIN FB4

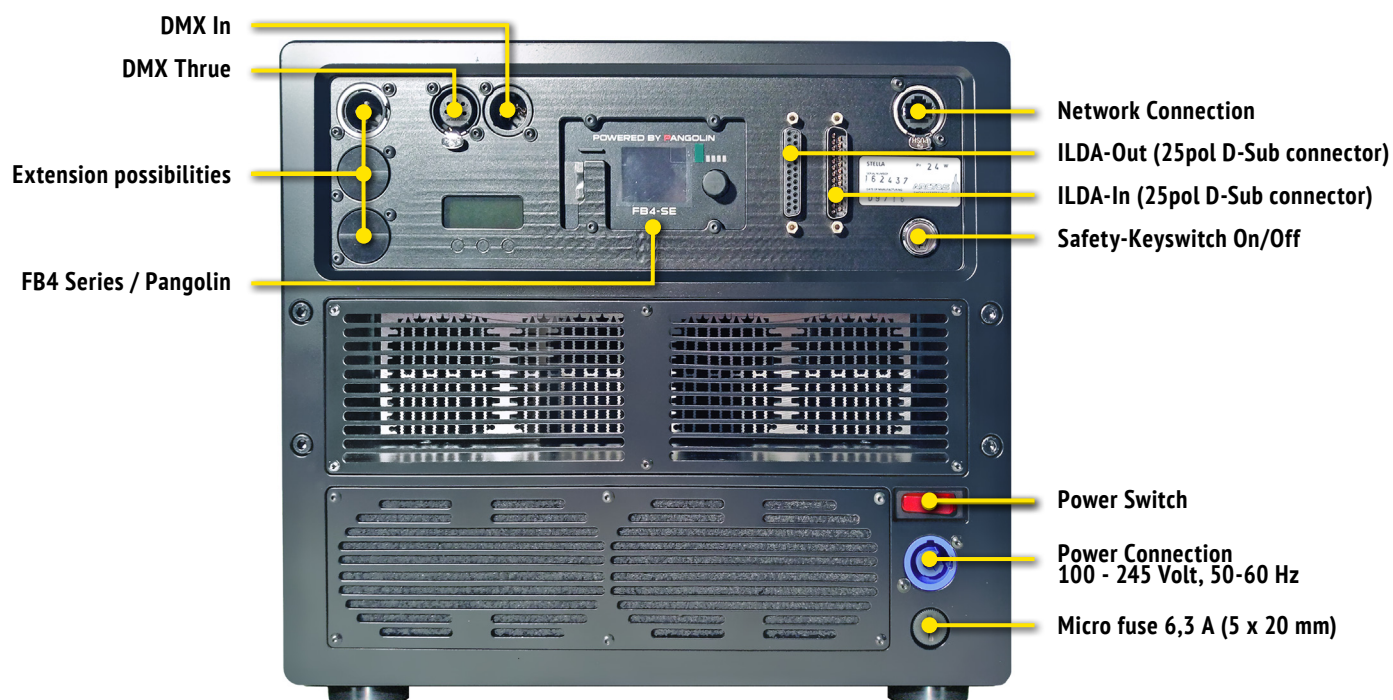
FB4 is a new customizable OEM hardware device, that allows you to control all projector and show control parameters, as well as giving you the ability to easily interface with other lighting and production equipment.

SCANNING SYSTEM

Scanner: EMS 8000

Scan angle: 60° max.

SIGNAL INTERFACE AND SOFT KEY FEATURES



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