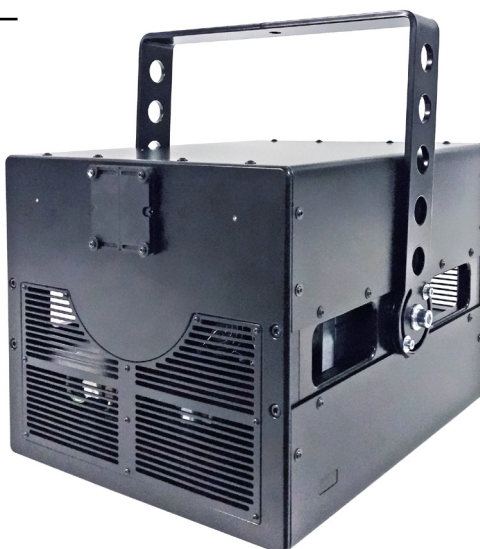


ELECTRUS 24 W

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 28.3 kg (incl. yoke)

HOUSING MADE BY ARCTOS

Black powdered aluminium

Packaging: Cardboard Box

Flightcase on request

ELECTRUS 24 W SPECIFICATIONS | 100% ARCTOS DIODE LASERS

ELECTRUS 24W

Total RGB Output power		28.2 W (int.)	25.5 W (ext.)	Beam divergence
ARCTOS® Red Diode	637 nm	8.2 W	7.5 W	1.2 mrad
ARCTOS® Green Diode	520 nm	8.5 W	7.5 W	0.5 / 0.9 mrad
ARCTOS® Blue Diode	450 nm	11.5 W	10.5 W	0.5 / 0.9 mrad

LASERSYSTEM DATA

Beam diameter: 6 mm

Analog modulation: 0-5V up to 60 kHz

Operating voltage: 100-245 VAC

Power consumption: @ max. 995 W

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 24 W WITH „IN-HOUSE“ GRATING SYSTEM

Smart Grating effect-system integrated, originally designed by ARCTOS®

Gratings controllable in position and rotation via DMX

User-friendly application as stand-alone or integrated show effect during the show

GRATING EFFECTS

Polysector/Burst Grating overlaid

Choice options

Grid-grating transmittive

Dimensions: Ø=50 mm

Machado Grating

180° line grid-grating transmittive

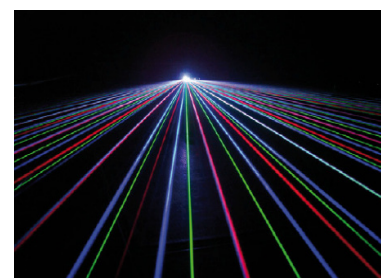
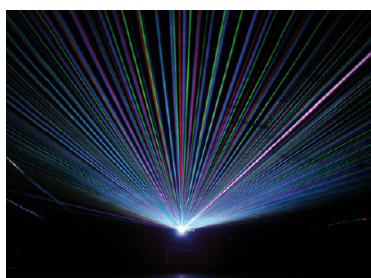
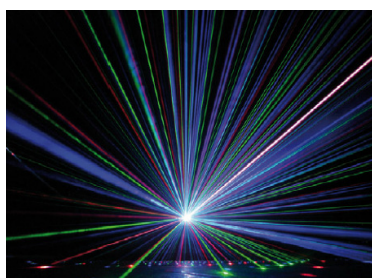
Active surface: 10 x 6 mm

Dimensions: 25 x 25 x 1 mm

Line Grating rotative

Line-grating transmittive

Dimensions: Ø=50 mm



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

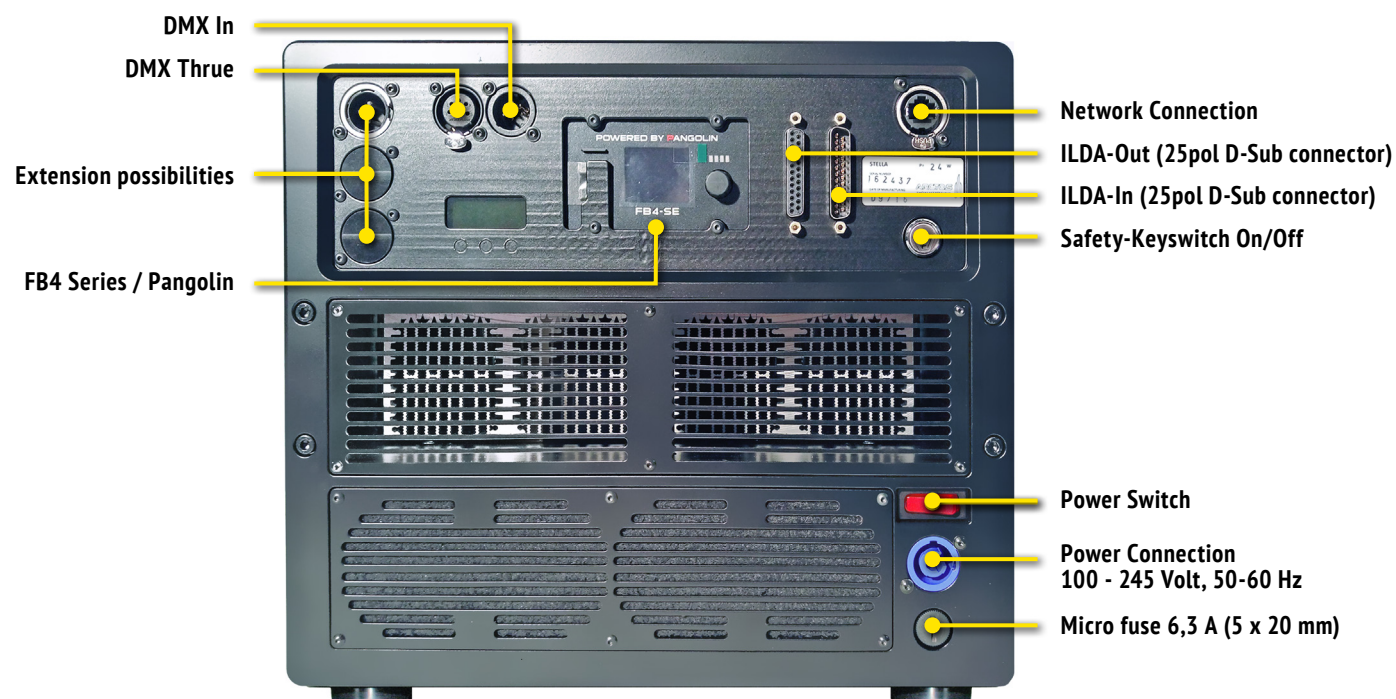
FB4 is a new customizable OEM hardware device, that allows you to control all projector and show control parameters, as well as giving you the ability to easily interface with other lighting and production equipment.

SCANNING SYSTEM

Scanner: EMS 8000

Scan angle: 50° max.

SIGNAL INTERFACE AND SOFT KEY FEATURES



Geometry

X/Y-invert /-size /-position

Color Settings

Digital RGB damping
Digital RGB bypass
Up to 6 analog mod. color channels

Scan Fail Safety

On/Off
Size control

DMX 512

Internal Pangolin
FB4 output card

ELECTRUS 24W HIGH-END RGB LASERSHOWSYSTEM MADE IN GERMANY



MULTIFUNCTIONAL POWER LASERSYSTEM WITH INTEGRATED GRATING SYSTEM

FOR MORE INFORMATION GET IN CONTACT | TEL: +49 (0) 8654 625 28 | INFO@ARCTOSLASER.DE

ELECTRUS 24W IN ACTION



LASERBEAM SHOWS

Powerful indoor and outdoor beamshows

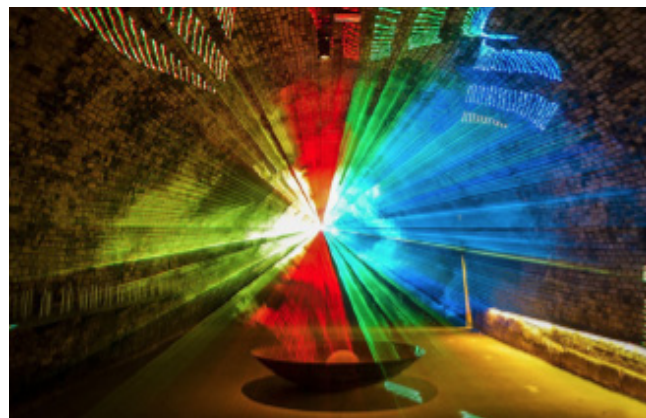
For medium- and large scale events

GRAPHIC PROJECTIONS

Graphic projection distance up to 500 m max.

Reasonable projection size up to max. 100 m x 100 m

Optimal for indoor and outdoor compact-scale events



© 2020 Copyright ARCTOS Showlasertechnik GmbH. Technical details and appearances are subject to change without notice. Errors excepted. All used logos and company names are trademarks or registered trademarks of the respective companies. All ARCTOS Lasersystems are subjected to copyright law. Manufacturer warranty standard time: 12 month or 5000h, what appears first. Scanners are not subject of warranty. All ARCTOS lasersystems are CE-/UL and TÜV conform, in compliance with CDRH USA and CANADA standards. ARCTOS Patent: EP 08 011 020.8-2222; 08 000 993.9; /1 953 881; Industrial Designs: 10 2006 044 989.4 A1; 10 2007 045 845.4-54 A1. While best attempts to ensure accuracy of all information in datasheets are made, some omissions are possible, please check all application critical specifications with ARCTOS Showlasertechnik GmbH.

WWW.ARCTOSLASER.COM

ARCTOS Showlasertechnik GmbH | Sägewerkstraße 16 | D-83416 Saaldorf-Surheim | Germany, Bavaria | info@arctoslaser.de | Phone +49 8654 625 - 28 | Fax - 47