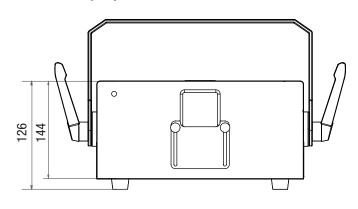# LEYA 2000 RGB
FULL DIODE SHOW LASER

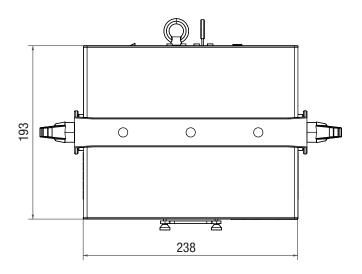

DESCRIPTION

Ignite your events with the LEYA RGB Diode Lasers. From DJ sets to vibrant parties, these laser light projectors redefine entertainment. With power of 2,000 mW, an all-diode system, and precise beams with minimal divergence, your projections will dazzle. The 25 Kpps galvo scanner, scan fail safety system, and emergency stop ensure seamless shows. Let the LEYA series elevate your gatherings into unforgettable spectacles.

FEATURES

▶ 2,000 mW total output power (R: 400 mW, G: 600 mW, B: 1000 mW)
▶ Dust-proof aluminium housing for minimum maintenance
▶ Scan-fail safety system, interlock emergency stop signal
▶ 25 Kpps galvo scanner at 8° ILDA
▶ Control via ILDA
▶ Analogue modulation for up to 16 million colour shades
▶ Precise beam with extremely low divergence for razor-sharp projections
▶ Neutrik PowerCON power input and output

DIMENSIONS (mm)

LEYA 2000 RGB
FULL DIODE SHOW LASER

SPECIFICATIONS

Product type:	Effects spotlight
Type:	Show laser
Colour spectrum:	Red: 638 nm, Green: 520 nm, Blue: 450 nm
No. of diodes:	1 x Red, 1 x Green, 1 x Blue
Diode types:	Red 400 mW (laser diode), Green 600 mW (laser diode), Blue 1000 mW (laser diode)
Stepper motors X/Y:	25kpps @ILDA 8°
Dispersion:	40°
Laser class:	4
Beam data:	≤1mrad (Full Angle)
Modulation:	Analogue, 100 kHz
Laser shutdown (safety function):	Lock switch, interlock connector 3-pin XLR IN & OUT
ILDA input:	25-pin D-SUB connection, male
ILDA output:	25-pin D-SUB connection, female
Operating controls:	R, G, B, 4 controls for laser projection, SFS ON/OFF, lock switch, on/off switch
Display elements:	7 indicator LEDs, illuminated on/off switch
Power supply connection:	Neutrik powerCON input and output
Maximum power out load rating:	4 A
Operating voltage:	100–240 V AC, 50–60 Hz
Power consumption:	75 W
Protection class:	IP20
Ambient temperature (for operation):	10°C - 40°C
Relative air humidity:	10% – 70%, non-condensing
Housing material:	Metal
Housing colour:	Black
Housing cooling:	Fan
Dimensions (W x H x D, without bracket and rubber feet):	238 x 114 x 193 mm
Weight:	4.3 kg
Additional features:	Power cable, adjustable mounting bracket, 2 x replacement clamping levers, safety eyelet, jumper plug, 2 keys for lock switch included. Emergency off switch optional.