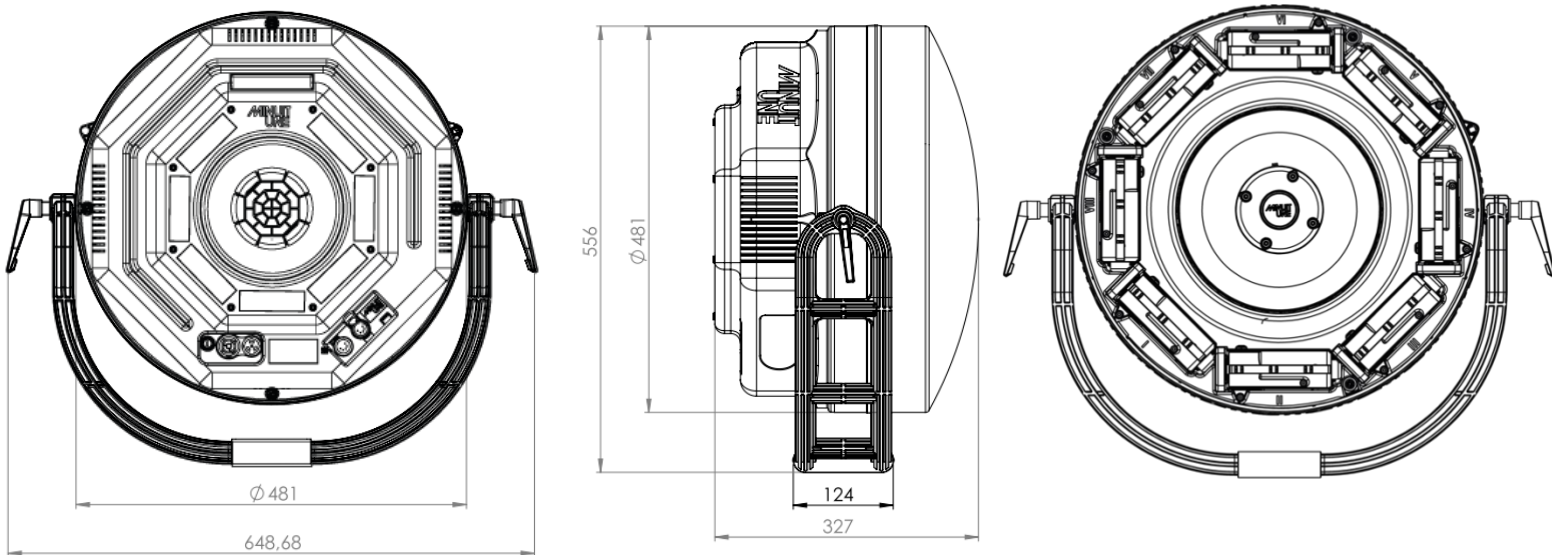


Technical specifications

Measurements and weight

All dimensions are given in millimetres.



Dimensions of the circular housing: 481 x 481 x 327 mm³

Total dimensions of the fixture (adjustable lyre included): 649 x 556 x 327 mm³

Weight: 16kg

Housing / Construction

Modular conception: conception subdivided into modules, which can be independently and quickly replaced.

Protection rating: IP20

Menu display: LCD colour screen

Low cleaning care: optical parts isolated from haze

Light Source

Class 3R laser product: extended source

Wavelength: 450nm,520nm,638m

Colours: smooth RGB spectrum

Beam diameter (1/e) at scanning vertex: >14mm

Beam divergence: >1,5mrad

Scan rate: 330HZ

Distance from scanning vertex to closest point of human access (NPHA): 240mm

Maximum output: 23,2 μj

Typical average power at 1m: <1mW



Technical specifications

Central scanning system

Scanning motor: extensive lifetime brushless motor

Scanning angle: 360°

Mirror: R>98%

Safeguard: certified failed-safe

Mirror output

Mirror side of the tilt: 11,5x5cm Plexiglas PMMA mirror

8 independent mirrors: producing independent 8 light planes

Aperture by mirror: 42° linear aperture by tilt

Operating angle: 180°

Motorization: 8 steps to steps motors – 16 bits non-linear resolution

Movement: very smooth at low speed and extremely reactive

Maximum speed: from mirror to frost side in 0,25sec

Frost output

Frost side of the tilt: 11,5x5cm frost filter

8 independent frost filter: producing 8 independent frosted outputs

Aperture by mirror: very wide

Operating angle: 180°

Motorization: 8 to steps motors – 16 bits non-linear resolution

Movement: very smooth at low speed and extremely reactive

Maximum speed: from mirror to frost side in 0,25sec

Output: 4 000 lux

Moving core output

Central circular frosted reflector: 5cm high, 24cm external diameter, 10cm internal diameter

Length of vertical movement: 6cm, 16 bits resolution

Speed: up to 6cm/sec in standard mode / up to 15cm/sec in fast mode

Output: 20 000 lux

DMX

Number of channels: 60

2 options: standard or fast mode

Update: by micro-SD card

Electronical gobos: 9 e-gobos

RGB control: independent RGB control per tilt (x8)

Dimmer control: independent dimmer control per tilt (x8)

Zoom parameter: control of the moving core position

Strobe: control over the frequency of the pulse and the duration of the pulse

Technical specifications

Beam Control (e-gobos)

Number of beams: 1 to 256

Control: intuitive gobo like system

Gobo type: number of beams

Gobo size: width of the beam

Gobo indexation: position of the beam

Gobo rotation: speed and direction of the beam

Power supply

Power supply unit: 100 to 240 Volts – 50/60Hz

Power: 200 Watt maximum

Cooling system/Thermal

Cooling: thermo electric cooling

Safety: protection against excessive temperatures

Nominal operating temperature of the laser source: 30°C

Installation

Adjustable mounting lyre: rigging clamps attachment point

Position: on a vertical rigging structure, adjustable mounting lyre horizontal to the ground

Safety: safety cable through the adjustable mounting lyre

Operating parameters

Maximum ambient temperature: 40°C (104°F)

Minimum ambient temperature: 0°C (32°F)

Connections

AC power input/output: Neutrik PowerCon True1

DMX data in/ou: 5-pin locking XLR

Standards

Safety:

CB IEC60825-1:2014

21CFR 1040

ANSI Z136.1 "Standard for Safe Use of Lasers"

CB IEC62368

EMC:

EN55032

EN55035

EN61000-3-2

EN61000-3-3

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