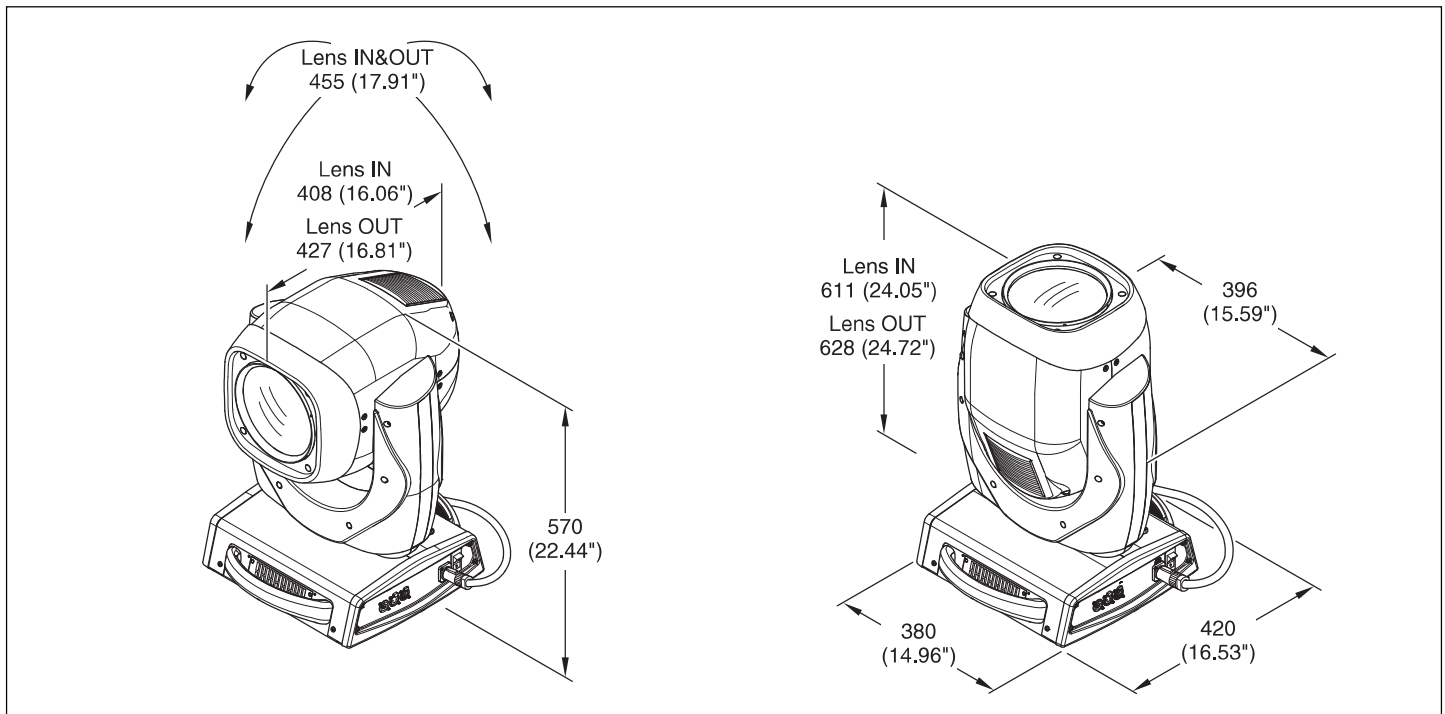


TECHNICAL INFORMATION



Power supplies

- 115/230V 50/60 Hz
- Automatic Power supply switching

Input power

700VA at 230V 50Hz

Total lumen output

Max 24.000 lumens

Light source

- 470W discharge lamp
- Type: Philips MSD Platinum 20R
- Color Temperature: 7.800 K
- Life: 1,500hrs
- Luminous flux: 23.000 lm
- Cap by faston TM 250 (6.35 mm)

Motors

20 stepper motors, operating with microsteps, totally microprocessor controlled.

Channels

30/34 control channels.

Inputs

- DMX 512
- Ethernet

Moving body

Automatic repositioning of PAN and TILT after accidental movement not controlled by control unit.

PAN

- Angle Rotation: 540°
- Fast speed: 3.517 sec
- Normal Speed: 4.038 sec
- Resolution PAN: 2.11°
- Resolution PAN FINE: 0.008°

Accuracy:

Resolution ± 0,3° (Range 0,6°)

TILT

- Angle Rotation: 244°
- Fast speed: 2.180 sec
- Normal Speed: 2.274 sec
- Resolution TILT: 0.96°
- Resolution TILT FINE: 0.004°

Accuracy:

Resolution ± 0,3° (Range 0,6°)

Noise level

50 dBA

Weight

32 Kg (70.54 lbs)

IP rating

- IP20
- Protected against the entry of solid bodies larger than 12mm (0.47").
- No protection against the entry of liquids.

Safety devices

- Bipolar circuit breaker with thermal protection.
- Automatic break in power supply in case of overheating or failed operation of cooling system.

Cooling

Forced ventilation with fans.

Body

- Aluminium structure with plastic cover.
- Two side handles for transportation.
- Device locking PAN and TILT mechanisms for transportation and maintenance.

Working position

- Any Working Position
- Hanging system: with fast-lock omega clamps (1/4 turn) on the base

Optics

- 157mm diam. front lens
- Electronic focusing for a perfectly sharp light beam along its entire length
- Zoom ranging from 4,5° to 30,8° for fixed gobos sharp focusing
- Zoom range from 6,5° to 47,3° for rotating gobos sharp focusing
- BEAM mode with 2,5° aperture and "pipe" effect

Color system

- CMY color system based on 3 gradually fading color wheels
- 11 color filters on three wheels
- 2 CT0 filters (3,200K and 2,500K) + 1 CTB filter

Effects section

- 2 gobo wheels
- Wheel with 6 HQ dichroic, indexable and interchangeable rotating gobos.
- Interchangeable and variable rotation wheel with 18+1 fixed metal gobos (including 6 beam reducers).
- Selectable gobo-shake function
- Advanced Visual Effect Disc (Animation disc)
- 2 indexable and interchangeable rotating prisms (8-facet and linear prism)
- Frost unit to soften the beam edge
- 0-100% Mechanical dimmer
- Mechanical shutter and adjustable speed strobe effect

Control and programming

- 30/34 DMX 512 control channels
- DMX protocol signal: USITT DMX 512
- Display: Graphic LCD backlit b/w Display
- Pan/Tilt Resolution: 16 bit
- Gobo Indexing Resolution: 16 bit
- Focus Indexing Resolution: 16 bit
- Dimmer Resolution: 16 bit
- Movement control: vectorial
- DMX signal connection: 3 and 5 pole XLR input and output
- Software upload through DMX input

Electronics

- Long life self-charging buffer battery.
- Pre-set macros.
- Function reset from control unit
- ON/OFF lamp control from the lighting desk.
- Function reset from the lighting desk.
- "AUTOTEST" function from menu
- ETHERNET Ready.
- Electronic monitoring with status error
- Cooling system monitoring
- DMX level monitoring on all channels
- Internal data transmission diagnostics
- Firmware Upgrade with no power
- Firmware upload from another fixture