



LIGHT SOURCE TYPE

- Tailor-made laser engine, enclosed in a sealed module
 - Solid, flat field, saturated, ultra-concentrated light beam without any visible hotspots
 - Long lasting light source (20,000 hours) with minimal decay
- *It may vary depending on various factors, as type of use and environment**

PHOTOMETRIC DATA

- Aperture: 1°-7° range (up to 0.5° using beam diameter reducers)
- Total lumen output: 2900 lm
- Front lens diameter: 150mm
- High efficiency optical system

NOISE LEVEL

- 51.5 dBA

CONTROL and CONNECTIONS

- Personalities: Single mode with 31 control channels
- Control Protocol: DMX, Art-Net, RDM, sACN
- DMX and RDM connectors: Locking 5 pin XLR IN/OUT
- Ethernet port: RJ45 IN
- Power connector: PowerCon True1 IN/OUT
- Built In Web Server

DYNAMIC EFFECTS

- Colours:
 - RGB laser based system with derating to preserve laser diodes
 - Linear virtual CTO 2500K – 6500K
- Gobos:
 - 1 Rotating gobo wheel with 7 HD Indexable and replaceable gobos
 - Ext diam. 25.9mm (cut @ 25mm)
 - Image diam. 11mm
 - Thickness 0.5mm

 - 1 Static gobo wheel with 12 gobo slots: 5gobos and 7 beam reducers
- Rotating Effects
 - Rotating Prisms disk: Convex plane, Pyramid 6 facets, Linear 6 facets, Frost
 - 16 Facets prism with rotation in both direction at variable speed
- Movement:
 - Tilt: 251° - 16bit
 - Pan: 540° - 16bit
 - Accuracy: Resolution $\pm 0,28^\circ$ (Range 0,56°)
 - Automatic repositioning
 - Fast/Normal speed selectable by Function channel
 - Mechanical Pan/Tilt lock for safe transportation and maintenance
- Beam:
 - 1° aperture – beam mode
 - Motorized Focus – 16bit
- Dimmer/Shutter :
 - Very precise 0-100% digital dimmer, dimmer Resolution: 24 bit
 - High speed electronic Shutter and Strobe

HARDWARE and SOFTWARE

- Long life self-charging battery
- Display Graphic LCD backlit b/w Display
- Firmware upload from another fixture
- Firmware Upgrade via Web Server
- Diagnostic
- DMX monitoring
- Remote access through RDM
- CloudIO compatibility

HOUSING

- Aluminum and steel structure with plastic covers
- Two side handles for transportation
- IP20 protection rate

WORKING POSITION

- Working in any position
- Hanging system: with fast-lock omega clamps (1/4 turn) on the base pn 183102/805
- Optional safety chain

ELECTRICAL

- Operating Voltage: 100-240V, 50/60 Hz
- Power Supply: Electronic auto range with active PFC
- Max Power consumption: 400VA
- Mains Out: Max 1600VA

THERMAL SPECIFICATION

- Max ambient temperature 40°C (104°F)
- Min ambient temperature -20°C (-4°F)
- Max temperature of the external surface 60°C (140°F)
- Total heat dissipation: 1366 BTU/hr ±10% / 1440 kJ/hr ±10%

SAFETY SPECS

- Minimum distance of illuminated objects 10 meters (32' 10")
- Minimum distance from flammable materials 0.2 meters (8")
- Thermally protected power supply (overheating and cooling failure)
- Forced ventilation with axial fans and heat sink
- Safety devices bipolar circuit breaker with thermal protection

COMPLIANCE

In conformity with the European Directives:

- 2014/35/EU - Safety of electrical equipment supplied at low voltage (LVD)
- 2014/30/EU - Electromagnetic Compatibility (EMC)
- 2011/65/EU - Restriction of the use of certain hazardous substances (RoHS)
- 2009/125/EC - EcoDesign requirements for Energy-related Products (ErP)

- cETLus Listed

PACKAGING

- Carton box + Polystyrene
- Carton box + Foam shell
- Flight case + Foam shell (2 positions)

WEIGHT - SIZE

- 24 Kg (52.9 lbs)
- 388x294mm (base dimension) – 582mm with vertical head (h)
- Distance between two fixtures 400mm

ACCESSORIES

- Omega clamps: 2x183102/805 (included)
- Foam shell: F21318/001 (optional)
- Flight case: CF1004 (optional)
- Power cord: CAB03D/802 - ETL (included)
- Safety Chain: 105041/001 (optional)