



### 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 disk with 11 gobos
  
- 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)