



#### **LIGHT SOURCE TYPE**

- Source type: tailor-made laser engine, enclosed in a sealed module
- Source power: 250W
- Solid, flat field, saturated, ultra-concentrated light beam without any visible hotspots
- Long lasting light source (20000 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: 150 mm
- High efficiency optical system

#### **NOISE LEVEL**

- 54.2 dBA

#### **CONTROL and CONNECTIONS**

- Personalities: Single mode with 31 control channels
- Integrated Wireless DMX system as standard (Wireless Solution)
- 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: 248° - 16bit
  - Pan: 540° - 16bit
  - Accuracy: Resolution  $\pm 0.63^\circ$  (Range 1.26°)
  - 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
- IP66 protection rate
- Marine Grade protection

## **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
- Fuse T6A – 250V

## **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**

- 30.4 Kg (67.2 lbs).
- 390x294mm (base dimension) – 608mm with vertical head (h)
- Distance between two fixtures 400mm

## **ACCESSORIES**

- Omega clamps: 2x 183102/805 (included)
- ETL Mains cable, 1.5mt. (Bare Ends / IP65 PowerConTrue1 connector): CAB0NL/802 (included)
  
- Foam shell: F21323/001 (optional)
- Flight case + Foam shell: CF1011F (optional)
- CRMX antenna extender: ANT004 (optional)
- Safety Chain: 105041/001 (optional)
- Clamp: C21070 (optional)