



### LIGHT SOURCE TYPE

- 470W White LED Engine
  - CRI: 70+ with selectable filter for typical CRI value up to 90
  - Colour Temperature: 6000K
  - LED life expectancy: 40000Hrs L<sub>70</sub>\*
- \*It may vary depending on various factors, as type of use and environment**

### PHOTOMETRIC DATA

- Zoom range: 6.2°- 48.8°
- 22054 Lumen Output (Integrating Sphere)
- Front lens diameter: 120 mm
- High efficiency optical system

### NOISE LEVEL

- Theatre fan mode: 40.6 dBA
- SLN fan mode: 40.6 dBA
- Standard fan mode: 46.8 dBA
- Auto fan mode: 48.4 dBA
- RNR fan mode: 48.7 dBA

### CONTROL and CONNECTIONS

- Personalities: Single mode with 37 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 True 1
- Built In Web Server

### **DYNAMIC EFFECTS**

- Colours:
  - Linear CMY colour mixing
  - Linear CTO
  - Fixed color wheel with 7 dichroic colors including High CRI filter
- Framing system:
  - 4 blades with +/- 60° rotation of the full system
  - "Total Curtain" effect allowing the full blackout with each single blade
  - Built In macros
  - The framing module is interchangeable with the optional Spot version without any setting.
- Gobos:
  - 1 Rotating gobo wheel with 7 HD Indexable and replaceable gobos  
Ext diam.22.9mm  
Image diam. 17mm  
Thickness 1.1mm
- Frost:
  - Linear heavy frost 5° for wash effect
- Rotating Effects
  - Aluminum animation wheel with continuous rotation in both direction at variable speed
  - 4 Facets prism with rotation in both direction at variable speed
- Iris:
  - Motorized with variable pulse and random effects
- Movement:
  - Tilt: 270° - 16bit
  - Pan: 540° - 16bit
  - Accuracy: Resolution  $\pm 0.17^\circ$  (Range 0.34°)
  - Automatic repositioning
  - Fast/Medium/Slow speed selectable by Function channel
  - Mechanical Pan/Tilt lock for safe transportation and maintenance
- Beam:
  - Motorized Zoom and Focus
- Dimmer/Shutter :
  - High resolution electronic Dimmer - 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: 740VA

### **THERMAL SPECIFICATION**

- Max ambient temperature 45°C (113°F)
- Min ambient temperature -20°C (-4°F)
- Max temperature of the external surface 90°C (194°F)
- Total heat dissipation: 2527 BTU/hr ±10% / 2664 kJ/hr ±10%

### **SAFETY SPECS**

- Minimum distance of illuminated objects 2.5 meters (8' 2")
- Minimum distance from flammable materials 0.2 meters (8")
- Fuse T10A – 250V
- Thermally protected power supply (overheating and cooling failure)
- Forced ventilation with axial fans

### **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)
  
- cMETus Listed

### **PACKAGING**

- Carton box + Polystyrene
- Carton box + Foam shell
- Flight case + Foam shell (4 positions)

### **WEIGHT - SIZE**

- 25 Kg (55.1 lbs)
- 250x360mm (base dimension) – 593mm with vertical head (h)
- Distance between two fixtures 480mm

### **ACCESSORIES**

- Omega clamps: 2 x 183102/805 (included)
- Power cord: CAB02B/802 (included)
- Foam shell: F21324/001 (optional)
- Flight case 4 positions: CF1008 (optional)
- Safety Chain: 105041/003 (optional)
- Arolla Spot MP gobo module conversion kit: CA3007C00100 (optional)