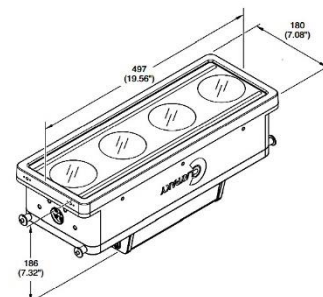
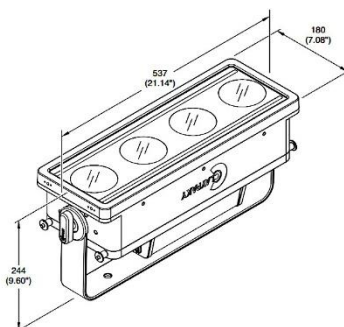


MODEL: TAMBORA FLASH

CODE: CL2020

June 12, 2024



LIGHT SOURCE:

Source type:

- LED RGBWW with 31° reflectors
- 2 lines cold white strobe LEDs split into 16 areas (120° beam angles)

Power:

- 100W (x4)

Color temperature:

- 6000 K CCT (cold white strobe LEDs lines)

CRI:

- Up to 70

LED life expectancy:

- 50.000 Hrs L70*

* It may vary depending on various factors, such as the type of use and environment

PHOTOMETRIC DATA:

Zoom:

- 31°: Beam Mode
- 45°: Field Mode

Lm output:

- 8458 Lm (integrating sphere)

Front lens:

- Ø 85 mm (x4)

Optical syt.:

- High efficiency

NOISE LEVEL:

Controlled by:

- Able to control linearly the speed of the fans

Fixed presets:

- Silent mode: 36,7 dBA
- Theatre mode: 36,7 dBA
- Constant mode: 49,2 dBA
- Auto mode: 49,3 dBA

CONTROL & CONNECTIONS:

Personalities:

- Main engine: 5 modes with 16 / 20 / 34 / 42 / 36 control ch.
- Pixels engine: 2 modes with 12 / 16 control ch.
- Strobe engine: 1 mode with 16 control ch.

Protocols:

- DMX, Art-Net, sACN, RDM

Connectors:

- Locking 5 pin XLR IN/OUT
- RJ45 IN/OUT

Power con.:

- PowerCon True1 IN/OUT

Web server:

- Built-in

CloudIO:

- Fully compatible
- On-field calibration for color consistency

DYNAMIC EFFECTS:

Colors:

- Advanced layers management (color, internal shape, pixel mapping + strobe)
- Pixel mapping and strobe split into 8 different areas per line (Tot. 16)
- Individual LED control of four central RGBWW LEDs with reflectors
- Pre-programmed shape selection of static and dynamic patterns, adjustable in color, speed, direction, fade and strobe
- Red shift

Dimmer / Shutter:

- High resolution electronic dimmer - 24 bit, 5 curves
- Electronic strobe 25f/sec
- Strobe shape, speed, fade duration ranging from 1Hz to 25Hz

HARDWARE & 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

HOUSING:

- Aluminium and steel structure with plastic covers
- IP66 protection rate
- Working in any position
- Advanced mechanics for horizontal and vertical combination
- Hanging system: with fast-lock Omega clamps (1/4) turn on the base
- Adjustable angle from 0° to 20°
- Optional safety chain

ELECTRICAL:

- Operating voltage:** • 100-120 / 200-240V, 50/60 Hz
- In/Out MAX:** • 1(0) fixtures @200-240Vac (@100-120Vac)
- Power Supply:** • Electronic auto range with active PFC
- MAX power consumption:** • 1150VA @230Vac 50Hz

THERMAL SPECIFICATION:

- MAX Ambient temperature:** • 45°C (113°F)
- Min Ambient Temperature:** • -20°C (-4°F)
- MAX temp. of the ext. surface:** • 90°C (194°F)
- Total heat dissipation:** • 3928 BTU/hr ±10% / 4140 kJ/hr ±10%

SAFETY SPECIFICATIONS:

- Min. dist. of illum. objs:** • 0,5 m (1'8")
- Min. dist. from flamm. mat.:** • 0,2 m (8")
- Protections:** • Thermally protected power supply (overheating and cooling failure)
• Forced ventilation with axial fans

COMPLIANCE:

- CE Marking (in conformity to the following):**
- 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)

UKCA conforms to UK regulations:

- S.I. 2016 N. 1101
- S.I. 2016 N.1091
- S.I. 2012 N.3032
- S.I. 2021 N.745

cMETLus LISTED:

- UL 1573:2003
- CSA C22.2 N.166:2015

PACKAGING:

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

WEIGHT & SIZES:

- Weight:** • 10,4 Kg (22,9 lbs)
- Dim.s without handle:** • 497 x 180 x 186 mm
• 19,56 x 7,08 x 7,32 In
- Dim.s with handle:** • 537 x 180 x 244 mm
• 21,14 x 7,08 x 9,60 In

ACCESSORIES:

- Hanging bracket:** • 410007/801 (Included)
- Hanging bracket dec.:** • 410008/001 (Included)
- Omega bracket:** • 183102/805 (Included)
- Flat handle:** • VOL011/001 (Included)
- ETL Power:** • CAB02B-802 (Optional)*
* Cord 1.5 m (bare end with IP65 PowerConTrue1 conn.)
- Floor stand:** • 410100/001 (Optional)
- Aliscaf holder:** • CA3031000102 (Optional)
- Connecting bracket:** • CA3032000102 (Optional)
- Hanging bracket:** • CA3033000102 (Optional)
- Connecting plate:** • CA3034000102 (Optional)
- Lock pin:** • CA3035000102 (Optional)
- Lock nut:** • CA3036000102 (Optional)
- Ground syt.:** • CA3044000102 (Optional)
- Foam shell:** • F21334/001 (Optional)
- Flight case (4 pos):** • CF1012 (Optional)
- Safety Chain:** • 105041-003 (Optional)