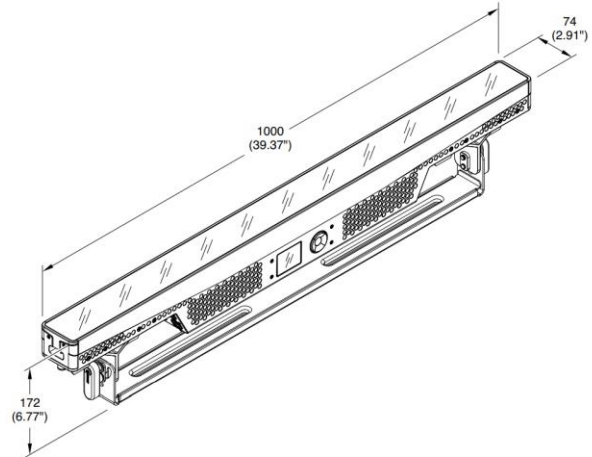


MODEL: TAMBORA LINEAR 100

CODE: CL2019

October 11, 2024



#### LIGHT SOURCE:

- Source type:**
- RGB LED (x 400)
  - White LED strobe (x 200)

- 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 range:**
- RGB LED: 72° @50% / 115° @10%
  - White LED strobe: 120° of beam aperture
- Lm output:**
- 26.526 Lm (integrating sphere)
- Optical syt.:**
- High efficiency

#### NOISE LEVEL:

- Controlled by:**
- Able to control linearly the speed of the fans
- Fixed presets:**
- Silent mode: 26.2 dB
  - Theatre mode: 26.2 dB
  - Constant mode: 45.3 dB
  - Auto mode: 43.9 dB

#### CONTROL & CONNECTIONS:

- Personalities:**
- 5 modes with 9 / 13 / 31 / 39 / 33 control channels
  - Pixel engine: 75 control channels
  - Strobe engine: 25 control channels
- 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

#### DYNAMIC EFFECTS:

- Colors:**
- 400 pcs 3-in-1 RGB LEDs split into 25 areas
  - 200 pcs white LEDs split into 25 areas
  - Advanced layer management:
    - Color
    - Internal shape
    - Pixel mapping
    - Strobe
  - White CT emulation 2800 – 8000 K
  - RGB and strobe shape effect
- Frost:**
- Black filter (Optional)
  - White filter 20° (Optional)
  - White filter 30° (Optional)

**Dimmer / Shutter:**

- High resolution electronic dimmer - 24 bit, 5 curves
- Electronic strobe/stop from 0.3 to 25 f/sec.

**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
- One side handle for transportation
- IP20 protection rate
- Built-in mechanical alignment system
- Working in any position
- Hanging system: with long bracket
- Optional safety chain

**ELECTRICAL:****Operating voltage:**

- 100-240V, 50/60 Hz

**In/Out MAX:**

- 5(1) fixtures @200-240Vac – Max: 2400W

**Power Supply:**

- Electronic auto range with active PFC

**MAX power consumption:**

- 440W

**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:**

- 1503 BTU/hr ±10% / 1584 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:**

- Fuse T10A – 250V
- 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

**cMETus LISTED:**

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

**PACKAGING:**

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

**WEIGHT & SIZES:****Weight:**

- 5.7 Kg (12.56 lbs)

**Dimensions:**

- 1000 x 172 x 74 mm
- 39.37 x 6.77 x 2.91 In

**ACCESSORIES:****Omega bracket A:**

- 409002/801 (Included) x 2

**Handle:**

- VOL011/001 (Included) x 2

**Neutral density filter:**

- 409010/001 (Included)

**Adjustable bracket:**

- 409001/801 (Included)

**ETL Power:**

- CAB02B-802 (Optional)\*

\* Cord 1.5 m (bare end with IP65 PowerConTrue1 conn.)

**Omega bracket B:**

- CA2004000200 (Optional)

**Floor stander:**

- CA2003000200 (Optional)

**Black frost filter:**

- CA2002000200 (Optional)

**White frost filter 20°:**

- CA2000000200 (Optional)

**White frost filter 30°:**

- CA2001000200 (Optional)

**Foam shell:**

- F21331/001 (Optional)

**Flight case (4 pos):**

- CF1018F (Optional)

**Safety Chain:**

- 105041/003 (Optional)

**Clamp:**

- C21070 (Optional)