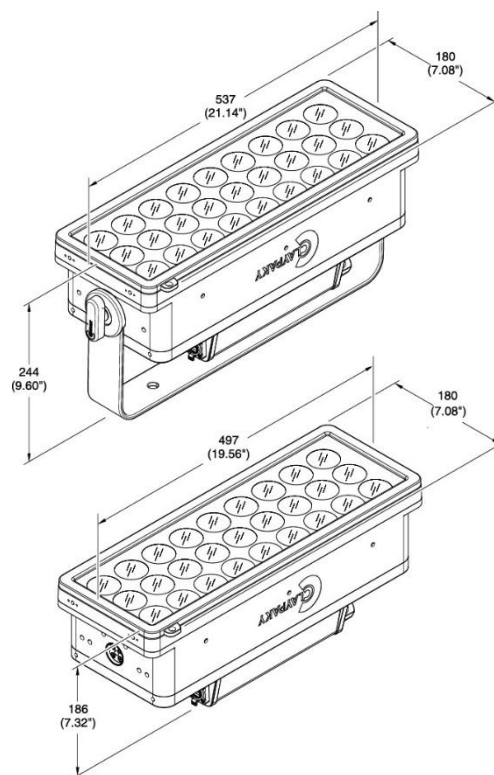


MODEL: TAMBORA RAYS

CODE: CL2025

March 11, 2025



LIGHT SOURCE:

Source type: • 27 LEDs RGBWW x 40W

CRI: • Up to 80

LED life expectancy: • 50.000 Hrs L70*

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

PHOTOMETRIC DATA:

Lm output: • 23702 Lm (integrating sphere)

Beam angle • Beam: • 13.7°: 10%
• 7.1°: 50%

Optical syt.: • High efficiency

NOISE LEVEL:

Controlled by: • Able to control linearly the speed of the fans

Fixed presets: • Auto: 46.3 dB
• Silent: 32.5 dB
• Theatre: 32.2 dB
• Constant: 51.4 dB

CONTROL & CONNECTIONS:

Personalities: • Main engine: 3 modes with 10 / 32 / 26 control channels
• Pixels engine: 2 modes with 81 / 108 control channels

Protocols: • DMX, Art-Net, sACN, RDM, Webserver

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: • Advanced layers management (color, internal shape, pixel mapping (3 x 9))
• Linear CTO2700K to 8000K
• Individual control of all 27 LEDs
• Pre-programmed shape selection of static and dynamic patterns, adjustable in color, speed, direction, fade and strobe

Strobe: • Electronic strobe from 1 to 30 f/sec

**Dimmer /
Shutter:**

- High resolution electronic dimmer - 16 bit, 5 curves

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:

- Magnesium housing
- 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
- Optional safety chain

ELECTRICAL:**Operating
voltage:**

- 100-240V, 50/60 Hz

Power Supply:

- Electronic auto range with active PFC

MAX power

consumption: • 720 W

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: • 2460 BTU/hr ±10% / 2592 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
- External mains fuse T 10A 250V
- External fuse for battery T 3A 250V

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 of equipment (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 + Foam shell
- Carton box + Polystyrene
- Flight case + Foam shell

WEIGHT & SIZES:**Weight:**

- 10,44 Kg (23.02 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 9.61 In

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

- 183102/805 (Included)

ETL Power:

- CAB02B/802 (Optional)*

** Cord 1.5 m (bare end with IP65 PowerCon True1 conn.)*

Aliscaf holder:

- CA3031000102 (Optional)

Connecting**bracket kit:**

- CA3038000102 (Optional)

Gr.d stander:

- CA3042000102 (Optional)

Inc. gr.d. syt.:

- CA3043000102 (Optional)

Str. gr.d syt.:

- CA3044000102 (Optional)

Barndoor:

- CA3064000102 (Optional)

Top hat:

- CA3065000102 (Optional)

Foam shell:

- F21350/001 (Optional)

**Flight case (4
pos):**

- CF1020F (Optional)

Safety Chain:

- 105041/003 (Optional)

**Frost filters:
(Optional)**

- | | |
|--------------|--------------|
| • 10°: | CA3054000102 |
| • 15°: | CA3055000102 |
| • 20°: | CA3056000102 |
| • 30°: | CA3057000102 |
| • 40°: | CA3058000102 |
| • 50°: | CA3059000102 |
| • 80°: | CA3060000102 |
| • Neutral: | CA3061000102 |
| • 60° x 10°: | CA3062000102 |
| • 10° x 60°: | CA3063000102 |