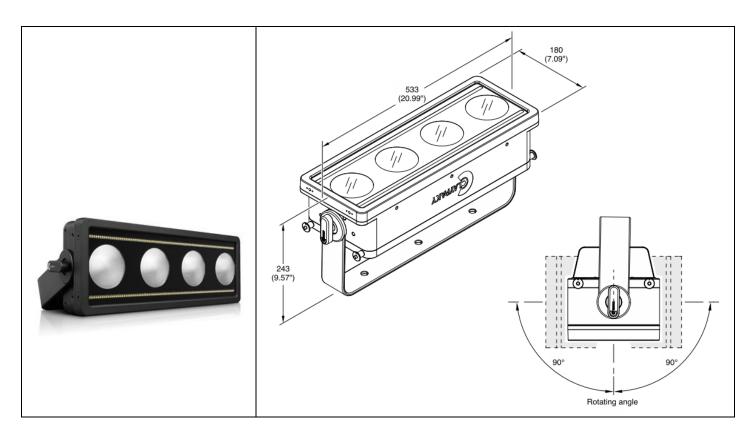**CLAYPAKY**
AN ARRI COMPANY

Tambora Flash
CL2020

DataSheet
09/2023

LIGHT SOURCE TYPE

- 4x 100W RBGWW LEDs with 31° reflector
- 2 lines cold withe strobe LEDs splitted into 16 areas (120° beam angles) 6000°K CCT
- LED life expectancy: 50000Hrs L70*
    *It may vary depending on various factors, as type of use and environment

PHOTOMETRIC DATA

- 4 RGBW LEDs 31°@50% - 45° @10% of beam angle aperture
- 8458 Lumen Output (Integrating Sphere) @ Full color

NOISE LEVEL

- SLN mode: 36.7 dBA
- Theatre mode: 36.7 dBA
- Constant mode: 49.2 dBA
- Auto mode: 49.3 dBA

CONTROL and CONNECTIONS

- Personalities: Five different operating mode: 16/20/34/42/36
- Control Protocol: DMX, Art-Net, RDM, sACN
- DMX and RDM connectors: Locking 5 pin XLR IN/THRU
- 2x Ethernet ports: RJ45 IN/OUT
- Power connector: PowerCon True1 IN/OUT
- Built In Web Server

www.claypaky.com – Service support & Helpdesk: https://e-assist.tech

DYNAMIC EFFECTS
- Advanced Layers Management (Color – Internal Shape – Pixel Mapping + Strobe)
- Electronic linear dimmer, 24 bit and 5 curves
- Electronic strobe @25 f/sec
- Pixel mapping and strobe splitted into 8 different areas per line (16 in total)
- Individual LED control of four central RGBWW LED with reflector
- Pre-programmed shape selection of static and dynamic patterns, adjustable in color, speed, direction, fade, strobe
- Red Shift
- Strobe shape duration, speed, fade - rate from 0.3Hz to 25Hz

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 structure
- IP66 protection rate

WORKING POSITION
- Working in any position
- Advanced mechanics for horizontal and vertical combination
- Hanging system: with fast-lock omega clamp (1/4 turn)
- Adjustable angle from 0° to 20°

ELECTRICAL
Operating Voltage: 100-240V, 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 temperature of the external surface 90°C (194°F)
- Total heat dissipation: 3928 BTU/hr ±10% / 4140 kJ/hr ±10%

SAFETY SPECS
- Minimum distance of illuminated objects 0.5 meters (1' 8")
- Minimum distance from flammable materials 0.2 meters (8")
- Thermally protected power supply (overheating and cooling failure)
- Forced ventilation with axial fans

COMPLIANCE

- CE: conforms to the European Directives
- UKCA: conforms to UK Regulations
- EAC: conforms to EurAseC Regulations

- cMETus Listed

PACKAGING

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

WEIGHT - SIZE

- 5.7 Kg (12.5 lbs)
- 533 x 180 x 186 mm (19.68" x 7.08" x 5.03")

ACCESSORIES

- ETL Power cord 1.5mt. (bare end with IP65 PowerConTrue1 connector): CAB02B-802 (included)
- Hanging Bracket: 410007-801 (included)
- Omega Bracket 183102-805 (included)
- Hanging Bracket Decoration: 410008-001 (included)
- Flat Handle: VOL011-001 (included)

- 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 system CA3044000102 (optional)
- Foam shell: F21334-001 (optional)
- Flight case (4 pos.): CF1020 (optional)
- Safety Chain: 105041-003 (optional)