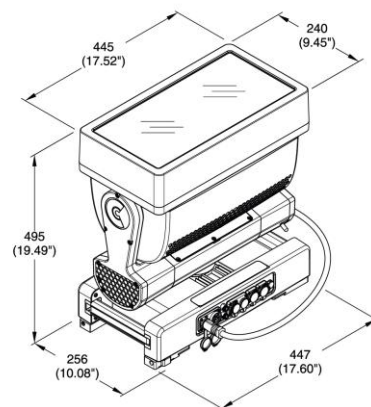
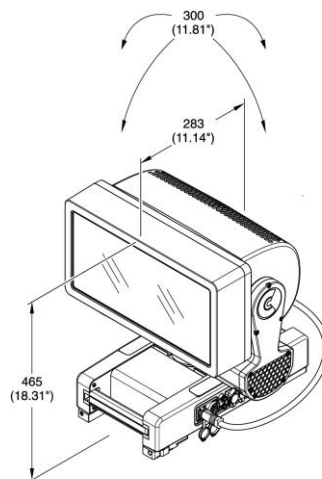


MODEL: VOLERO TWINS
CODE: CL3040

August 4, 2025



LIGHT SOURCE:

- Source type:**
- Main engine: 8 LED RGBW (x 60W)
 - Strobe engine: 164 LED (x 3W)
- Cold white LEDs divided into 10 lines and 20 control areas
- Color temperature:**
- LED RGBW: 8000 K
 - LED White: 7436 K
- CRI:**
- Up to 75
- 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:**
- 5.2° (Beam)
 - 46.7° (Field)
- Lm output:**
- RGBW: 8424 Lm (integration sphere)
 - White engine: 16935 Lm (integrating sphere)
- Front lens:**
- Ø 80 x 80 mm (each lens)
- Optical syst.:**
- High efficiency

NOISE LEVEL:

- Fixed presets:**
- **Auto:** 37.6 dB
 - **Silent:** 37.5 dB
 - **Constant:** 48.3 dB
 - **Theatre:** 37.4 dB

CONTROL & CONNECTIONS:

- Personalities:**
- Basic engine: 25 / 43 / 50 control channels
 - Pixel engine: 32 channels
 - Strobe engine: 20 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
 - On-field calibration for color consistency

DYNAMIC EFFECTS:

- Colors:**
- Electronic CTO 2500 – 8000K
 - Advanced layers management (color, internal shape, pixel mapping + strobe)
 - Individual LED control of eight central RGBW LEDs
 - Pre-programmed shape selection of static and dynamic patterns, adjustable in color, speed, direction, fade, and strobe

- Movement:**
- Tilt: 194° - Speed: 1,52s
 - Pan: **continuous rotation** - Speed: 3,27s
 - Accuracy: Resolution $\pm 0.13^\circ$ ($\pm 0^\circ 12' 48''$)
Range $\pm 0,26^\circ$ ($\pm 0^\circ 25' 36''$)
 - Continuous Pan rotation
 - Mechanical Pan lock for safe transportation and maintenance
- Beam:**
- Motorized zoom
- Dimmer / Shutter:**
- High resolution electronic dimmer - 16 bit, 5 curves
 - Electronic strobe 25 f/sec
 - High speed electronic shutter and strobe

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
- Two side handles for transportation
- IP66 protection rate
- Working in any position
- Hanging system: with fast-lock Omega clamps (1/4 turn) on the base
- Optional safety chain

ELECTRICAL:

- Operating voltage:**
- 100-120 / 200-240V, 50/60 Hz
- Power Supply:**
- Electronic auto range with active PFC
- MAX power consumption:**
- 700W

THERMAL SPECIFICATION:

- MAX Ambient temperature:**
- 45°C (113°F)
- Min Ambient Temperature:**
- -10°C (14°F)
- MAX temp. of the ext. surface:**
- 90°C (194°F)
- Total heat dissipation:**
- 3354,5 BTU/hr $\pm 10\%$ / 3535,2 kJ/hr $\pm 10\%$

SAFETY SPECIFICATIONS:

- Min. dist. of illum. objs:**
- 0.5 m (1 ft 8 in)
- Min. dist. from flamm. mat.:**
- 0.5 m (1 ft 8 in)
- Protections:**
- External main fuse T10A 250V – 5x20 mm
 - External fuse (battery) T6.3A 250V – 5x20 mm
 - 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 (2 positions)

WEIGHT & SIZES:

- Weight:**
- 29.3 Kg (64,60 lbs)
- Base dim.s:**
- 447 x 240 mm
 - 17,60 x 9,45 In
- Height with vert. head (h):**
- 495 mm
 - 19,50 In

ACCESSORIES:

- Omega bracket:**
- 2x183102/805 (Included)
- ETL Power:**
- CAB02B/802 (Included)*
* Cord 1.5 m (bare end with IP65 PowerConTrue1 conn.)
- Flight case (2 pos):**
- CF1047F (Optional)
- Safety Chain:**
- 105041/001 (Optional)
- Clamp:**
- C21070 (Optional)