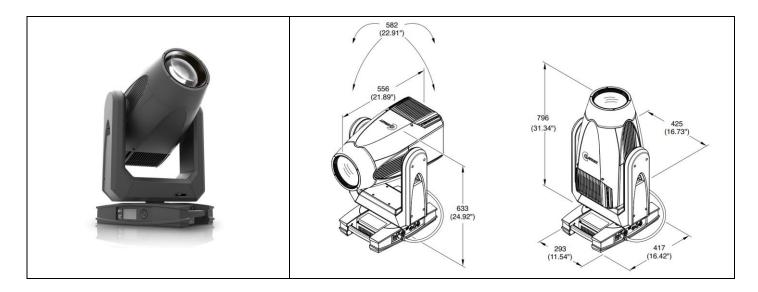


# Sinfonya Profile 600 Sinfonya Profile 600 EX

CL3018

Data Sheet 02/2024



#### LIGHT SOURCE TYPE

- 600W RGBAL LED Engine
- CRI: Up to 95
- Colour Temperature: 2500 to 10000 K
- LED life expectancy: 40000Hrs L70\*
  - \*It may vary depending on various factors, as type of use and environment

#### PHOTOMETRIC DATA

- Zoom Range: 5°- 60°
- 12050 Lumen Output (Integrating Sphere)
- Front Lens Diameter: 160mm
- High Efficiency Optical System

#### NOISE LEVEL

- FAN Channel: Able to control linearly the speed of the FANS
  - Full Output @27dbA (20° ambient temperature)
  - Full Output @35dbA (30° ambient temperature)
  - o Fanless modality with reduced output

#### CONTROL and CONNECTIONS

- Personalities: Three modes with 43/50/58 control channels
- Optional Wireless DMX system (Lumen Radio)
- Control Protocol: DMX, Art-Net, RDM, sACN
- DMX and RDM connectors: Locking 5 pin XLR IN/THRU
- Ethernet port: RJ45 IN
- Power connector: PowerCon True1 IN/OUT
- Built In Web Server



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## DYNAMIC EFFECTS

- Colours:
  - o RGBAL control
  - Virtual CTO
  - $\circ$  Digital filters
- Framing system:
  - o 4 Blades with +/- 45° Rotation of the full system, 2 Focal Planes
  - $\circ\;$  "Total Curtain" Effect Allowing the Full Blackout with each single blade
- Gobos:
  - o 1 Rotating gobo wheel with 6 HD Indexable and replaceable gobos
  - Ext Diam. 32.8 ±0.1 mm
  - Image Diam. 23 mm
  - Thickness 1.1 ±0.1 mm
- Frost:
  - o Light Frost 1° for Soft Diffusion (Interchangeable)
  - Heavy Frost 5° for Wash Effect (Fixed)
- Rotating Effects
  - o Aluminum animation wheel with continuous rotation in both direction at variable speed
  - o 4-facet prism with rotation in both directions at variable speed
- Iris:
- o 16 Blade motorized with variable pulse and random effects
- Movement:
  - o Tilt: 270° 16bit
  - o Pan: 540° 16bit
  - Accuracy: Resolution ± 0.06° (Range 0.12°)
  - Absolute position
  - o Automatic repositioning
  - o Mechanical Pan/Tilt lock for safe transportation and maintenance
- Beam:
  - Motorized Zoom and Focus
- Dimmer/Shutter :
  - High resolution electronic Dimmer 24 bit, 4 curves
  - $\circ~$  High speed electronic Shutter and Strobe

#### 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



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#### HOUSING

- Aluminum and steel structure with plastic covers
- Two side handles for transportation
- IP20 protection rate

#### WORKING POSITION

- Working in any position
- Hanging system: with fast-lock omega clamps (1/4 turn) on the base
- Optional safety chain

#### ELECTRICAL

Operating Voltage: 100-240V, 50/60 Hz - In/Out Max 1200 VA

- Power Supply: Electronic auto range with active PFC
- Max Power consumption: 770 VA

#### THERMAL SPECIFICATION

- Max ambient temperature 40°C (104°F)
- Min ambient temperature -20°C (-4°F)
- Max temperature of the external surface 40°C (104°F)
- Total heat dissipation: 2220 BTU/hr ±10% / 2340 kJ/hr ±10%

#### SAFETY SPECS

- Minimum distance of illuminated objects 2 meters (6' 7")
- 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
- cETLus Listed

## PACKAGING

- Green/Total carton box
- Carton box + Foam shell
- Flight case + Foam shell (2 position)

#### WEIGHT - SIZE

- 36,8 Kg (81.1 lbs)
- 293x417mm (base dimension) 796mm with vertical head (h)
- Distance between two fixtures 700mm

#### ACCESSORIES

- Omega brackets: 2x 183102/805 (Included)
- ETL Power cord 1.5mt. (bare end with IP65 PowerConTrue1 connector): CAB0K1-802 (Included)
- Top Hat: CA3019000102 (Included)
- Handle: CA3021000102 (Optional)
- Gel Holder: CA3022000102 (Optional)
- Frost filter (10°): CA3020000102 (Optional)
- Foam shell: F21327-001 (Optional)
- Flight case (2 pos.): CF1012 (Optional)
- Safety Chain: 105041-003 (Optional)
- Clamp: C21070 (Optional)