MODEL: ACTORIS FRESNEL

CODE: AL2700

October 7, 2025
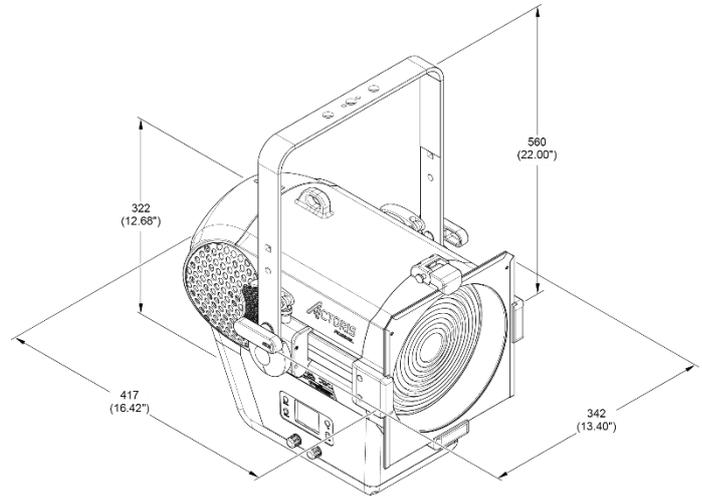
LIGHT SOURCE:

Source type:	• LED (Red + Green + Blue + Amber + Lime + Royal Blue)
Power:	• 370 W
Color temperature:	• 2500 to 10.000 K – with perfect Plank-curve CCT
CRI:	• Up to 95
LED life expectancy:	• 50.000 L70*

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

PHOTOMETRIC DATA:

Zoom range:	• 16° – 80°
Lm output:	• Up to 12.750 Lm (integrating sphere)
Front lens:	• Ø 200 mm

NOISE LEVEL:

Autofan mod.:	• Variable output
Fixed presets:	• Auto: 34.9 dB
	• 35 dB: 35.0 dB
	• 30 dB: 30.0 dB
	• 27 dB: 26.7 dB
	• 25 dB: 24.7 dB
	• Fanless*: 23.9 dB
	* With reduced output

CONTROL & CONNECTIONS:

Personalities:	• 4 modes + 1 stand alone 33 / 17 / 9 / 1 DMX control parameters
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:	• Colors control mode RGBAL + ROYAL BLUE
	• Tungsten mode, to replicate the behavior of a tungsten lamp during dimming from 0 to 100% and vice versa
	• Tint correction: ± green/magenta adjustments
	• Flicker-free, thanks to PWM frequency adjustment
	• Color control with Advanced, Standard, White and Single-Channel modes
	• Color temperature adjustment
	• Wide color gamut and extended spectrum, including deep blue and deep red
	• Combined fixture calibration ensures colors consistency despite changes in temperature and over time
	• Wavelength binning selection and 100% fixture calibration ensures color repeatability fixture-to-fixture

| **Dimmer:** | • High resolution electronic dimmer - 24 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:

- Aluminum and steel structure with plastic covers
- One handle for transportation
- IP20 rated
- Built in bracket
- Optional safety chain
- Working in any position

ELECTRICAL:

Operating voltage:	• 100-240V, 50/60Hz
Power Supply:	• Electronic auto range with active PFC
MAX Power consumption:	• Max 570W (5,7A) @ 100V

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:	• 1400 BTU/hr ±10% / 1476 kJ/hr ±10%

SAFETY SPECIFICATIONS:

Min. dist. of illum. objs:	• 0,2 m (8")
Min. dist. from flamm. mat.:	• 0,2 m (8")
Protections:	• Forced ventilation with axial fans
	• T6.3A fuse 250V – 5x20 mm (External main fuse)
	• T6.3A fuse 250V – 5x20 mm (External fuse)

COMPLIANCE:

CE Marking (in conformity to the following):

- 2014/35/EU – Low Voltage directive (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:

- UL1573
- CSA C22.2 N.166:2015

PACKAGING:

- Carton box + Polystyrene
- Carton box
- Flight case

WEIGHT & SIZES:

Weight:	• 11 Kg
	• 24,25 lbs
Dimensions:	• 342 x 560 x 341 mm
	• 13,4 x 22,0 x 13,4 in

ACCESSORIES:

ETL Power:	• CAB02B/802 (Included) *Cord 1.5 m (bare end with IP65 PowerConTrue1 conn.)*
Pole bracket:	• AA2050000102 (Optional)
Barndoor:	• AA2051000102 (Optional)
Soft box:	• AA2053000102 (Optional)
Snoot:	• AA2054000102 (Optional)
Foam shell:	• AL2700C41100F (Optional)
Clamp:	• C21070 (Optional)
Safety Chain:	• 105041/001 (Optional)