



FRESNEL 8 IP



ELATION®

500W Full Spectrum RGBMA LED 8" Fresnel with Motorized Zoom

PRELIMINARY DATA SHEET



KEY FEATURES

500W RGBMA LED Engine

15,500 Total Fixture Lumen Output (Sphere)

Wide 8° to 60° Motorized Zoom Range

Stand-Alone control with 2 Encoders and LED Display

NFC & Aria x2 Wireless Device Management

IP65 Rated

Gel Frame & 8-leaf Barndoor Included

The **KL Fresnel 8 IP** delivers superior light quality in a compact, weather-ready 8-inch design—bringing natural Fresnel character, full-spectrum color, and modern workflow efficiency to any environment.

Its 500W RGBMA engine produces over 16,000 lumens of balanced, full-spectrum output to ensure natural skin tones and accurate color. Variable CCT and magenta/green shift control make it ideal for film and television.

An internal motorized 10°–50° zoom uses a source-moving mechanism to preserve classic Fresnel behavior with a smooth falloff designers expect in a compact, easy-to-rig form.

Smart setup tools, including NFC configuration, a rear-facing LCD interface with dual encoders, and Aria X2 wireless DMX, streamline operation from prep to programming.

With its lightweight IP65 housing and five selectable fan modes, the **KL Fresnel 8 IP** supports everything from outdoor stages to camera-critical studio work while reducing maintenance and downtime—all while maintaining the timeless look and feel of a true Fresnel.



Specifications are subject to change without notice ©Elation Professional 11/25/2025
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SPECIFICATIONS

SOURCE

500W 6000K RGBMA LED Engine

50,000 Hour Average LED Life*

*May vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control and Dimming.

PHOTOMETRIC DATA

Total Lumen Output:

16,028 (Integrating Sphere)

TBA (Goniometer)

CRI 94

TLCI 95

Zoom Range 8° - 60°

Beam Angle 7.5° - 43°

Field Angle 12° - 60°

EFFECTS

Motorized Zoom

Variable Strobe Rate: 1- 20Hz

Dim-to-Warm/ Red Shift Emulation

Variable 16-bit Dimming Modes and Curves

DMX Controllable LED Refresh Rate (900Hz- 25kHz)

COLOR

RGBMA Color Array

CMY Emulation

x/y Control

16bit Fully Variable CCT 2400K - 8500K

Green/Magenta Shift

Virtual Gel Swatch Book

CONTROL / CONNECTIONS

8 DMX Channel Modes (1, 5, 7, 11, 12, 20, 10, 16, 14)

Manual and DMX Controlled Dimmer, Color & Zoom

4 DMX Controllable Fan Modes for Silent Operation

Dual Rotary Encoders

Full Color 180° Reversible LCD Menu Display

RDM (Remote Device Management)

Aria x2 Wireless Device Management

NFC Configuration

IP65 5pin DMX and IP65 Locking Power Cable In/Out

SIZE / WEIGHT

Length: 17.7" (448 mm)

Length (Yoke 0°): 21.3" (540 mm)

Width: 12.2" (309 mm)

Height (Fixture Body): 13.6" (345 mm)

Height (Yoke 90°): 21.2" (538 mm)

Weight: 30.2 lbs (13.7 kg)

ELECTRICAL / THERMAL

AC 100-240V - 50/60Hz

551W Max Power Consumption

Power Thru Capacity: 8A (1 unit @115V, 3 units @240V)

5°F to 113°F (-15°C to 45°C)

BTU/hr (+/- 10%) 1878.9

INCLUDED ITEMS

Gel Frame

Safety Cable

Barndoor

IP65 Locking Power Cable

OPTIONAL ITEMS

Omega Bracket

APPROVALS / RATINGS

CE | cETLus | IP65 | FCC | UKCA



IP65



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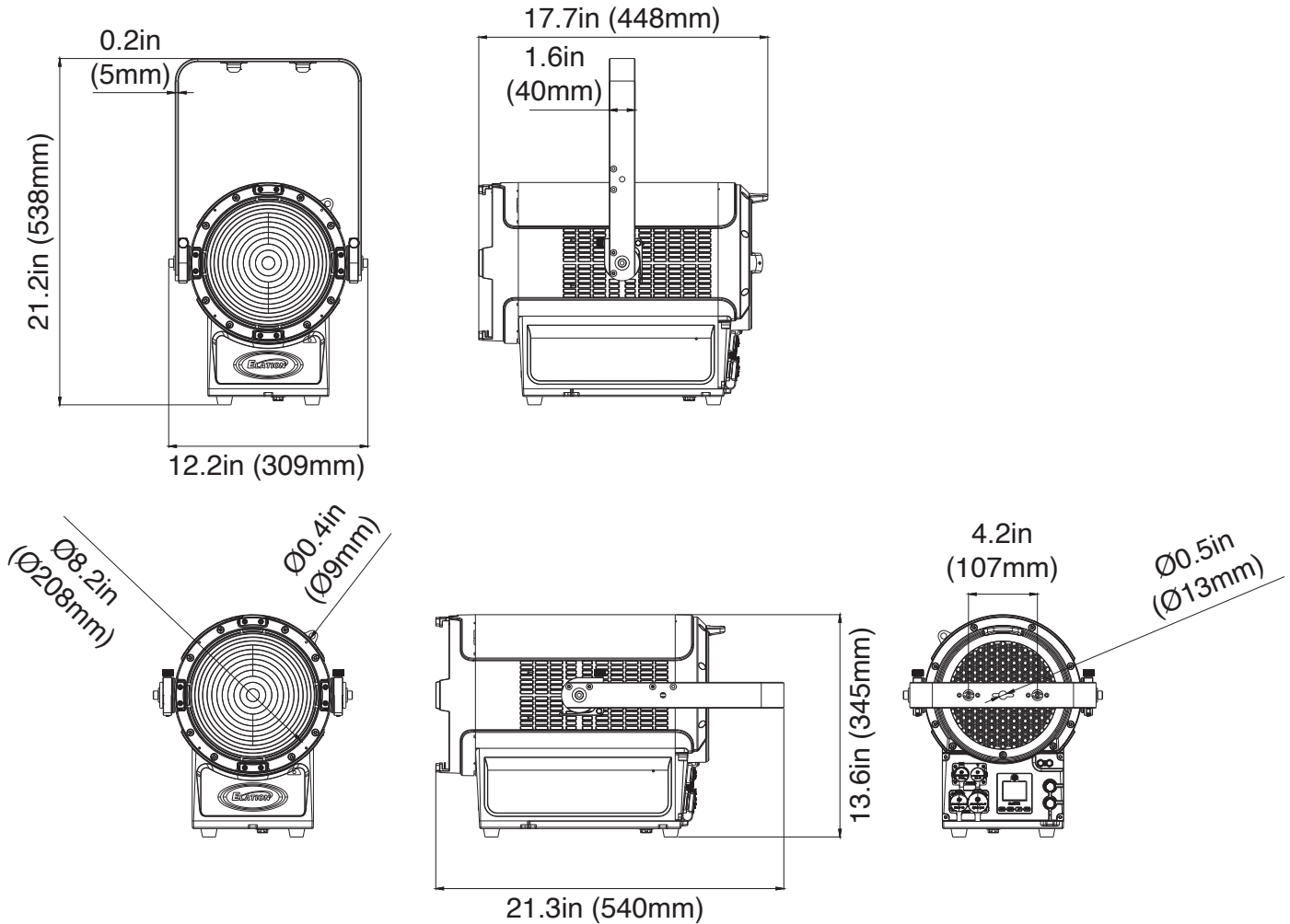


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UNIT DIMENSIONS



ORDERING INFORMATION

US SKU	EU SKU	DESCRIPTION
KLF925	PENDING	Elation KL Fresnel 8 IP



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