FRESNEL 4 FC

80W Full Spectrum RGBMA LED 4" Fresnel with Zoom

DATA SHEET

KEY FEATURES

80W RGBMA LED Engine

ColourTune Technology Software Integration

2226 Total Fixture Lumen Output (Sphere)

10° to 42° Wide Manual Zoom

Stand-Alone control with Encoder and LED Display

Smooth 16-bit Selectable Dimming Modes and Curves

LED Refresh Rate Adjustment

Flicker Free Operation for TV and FILM

RDM (Remote Device Management)

8-leaf Barn Doors and Gel Frame Included

The **KL FRESNEL 4 FC™** is a full-color-spectrum LED fixture that provides high output, precise color temperature control, full-spectrum color rendering, and even wash coverage. Optimized for the tunable white light requirements of Film and Television, it is an ideal key and fill light source for many situations requiring outstanding performance and color quality, while offering a wide array of rich saturated colors and subtle pastels.

The **KL FRESNEL 4 FC** incorporates a highly efficient 5-in-1 (RGBMA) LED engine with a manual zoom range of 10° to 40°. The incorporation of Elation's ColourTune Technology ensures outstanding color rendering quality, precise CCT control, and Fidelity Selection Options. Remotely adjustable LED refresh frequency makes this unit the perfect choice for today's fast-paced production environments. Rugged and portable, the fixture can be mounted on a stand or suspended using any standard clamp. It is fully self-contained without the need for an external power supply and offers locking power pass-through for easy linking of multiple units.

The **KL FRESNEL 4 FC** can be operated through industry-standard DMX protocols and has full RDM support. In addition, it offers manual access using the included encoders and display, providing instant control of Intensity, Color temperature, Green shift, and other important settings. The display and encoders are conveniently positioned at the bottom side of the fixture to ensure unobstructed access while mounted on a stand.

SOURCE

80W 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:
2226 (Integrating Sphere)
CRI 92.2
Zoom Range 10° - 40°
Beam Angle 10° - 42.6°
Field Angle 17.4° - 68.6°

EFFECTS

Manual Zoom
Electronic Dimmer and Strobe
Variable 16-bit Dimming Modes and Curves

COLOR

High Brightness and High Fidelity Output Options
RGBMA Color Array
CMY Emulation
16bit Fully Variable CCT 2400K - 8500K
Green/Magenta Shift
Dim-to-Warm Fade
Virtual Gel Swatch Book

CONTROL / CONNECTIONS

9 DMX Channel Modes (1, 2, 6, 11, 18, 19, 9, 14, 15)
Manual and DMX Controlled Dimmer, Color
Direct Access Encoder
4 Button Control Panel, LED Display
RDM (Remote Device Management)
3/5pin DMX and IP65 Locking Power In/Out Connection

SIZE / WEIGHT

Length: 7.5" (190mm)
Width: 12.3" (312.8mm)
Vertical Height: 8.8" (223mm)
Weight: 8.4 lbs / 3.8 kg

ELECTRICAL / THERMAL

AC 100-240V - 50/60Hz
85W Max Power Consumption
Power Thru Capacity: @110V: 15 units; @240V: 29 units
5°F to 113°F (-15°C to 45°C)
BTU/hr (+/- 10%) 289.85

INCLUDED ITEMS

Gel Frame
8-leaf Barn Doors
IP65 Locking Power Cable
Safety Cable

APPROVALS / RATINGS

CE | cETLus | IP20 | FCC | UKCA

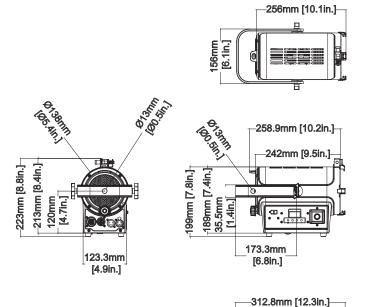Specifications are subject to change without notice ©Elation Professional 07/17/2024

Elation Professional USA | 6122 S. Eastern Ave. | Los Angeles, CA. 90040
323-582-3322 | 323-832-9142 fax | www.elationlighting.com | info@elationlighting.com

Elation Professional B.V. | Junostraat 2 | 6468 EW Kerkrade, The Netherlands
+31 45 546 85 66 | +31 45 546 85 96 fax | www.elationlighting.eu | info@elationlighting.eu

FRESNEL 4 FC

80W Full Spectrum RGBMA LED 4" Fresnel with Zoom

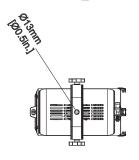| SKU (US)	SKU (EU)	DESCRIPTION
KLF861-1	1236100194	KL Fresnel 4 FC
SIP139	N/A	IP65 Rated Twist Lock Power Cable, 10ft (3m)*
TOU027	N/A	Tour Link 5pin 10ft Tour Grade DMX Data Cable
TRIGGER CLAMP	1741000032	Heavy Duty Hook Style Clamp
KLF135	N/A	Universal Snap Bag

UNIT DIMENSIONS

Specifications are subject to change without notice ©Elation Professional 07/17/2024

Elation Professional USA | 6122 S. Eastern Ave. | Los Angeles, CA. 90040
323-582-3322 | 323-832-9142 fax | www.elationlighting.com | info@elationlighting.com

Elation Professional B.V. | Junostraat 2 | 6468 EW Kerkrade, The Netherlands
+31 45 546 85 66 | +31 45 546 85 96 fax | www.elationlighting.eu | info@elationlighting.eu