KL FRESNEL 6™

KL FRESNEL 6™ is a 150W 3,000K >95CRI Warm White LED fresnel, producing over 6,500 total lumen output, on par with compatible tungsten halogen models. Features include manual and DMX control, 15° to 38° wide manual zoom, manual and DMX controlled dimmer and shutter, dimmer and zoom rotary dials, smooth 16-bit selectable dimming modes and curves, LED refresh rate frequency adjustment for flicker free operation for TV and FILM, removable barn doors (included), RDM (remote device management) protocol support, 3/5pin DMX and Locking Power Cable in/out connections, 4 button control panel, LCD menu display, multiple unit power linking, a universal auto switching power supply (100-240v), gel frame and rotating bar doors (included), and a 3 clamp position adjustable mounting yoke.

FEATURES

150W 3,000K >95CRI Warm White LED Engine

6,500+ Total Lumen Output

Output On Par with Tungsten Halogen Models

15° to 38° Wide Manual Zoom

Manual and DMX Controlled Dimmer and Shutter

Dimmer and Zoom Rotary Dials

Smooth 16-bit Selectable Dimming Modes and Curves

LED Refresh Rate Adjustment

Flicker Free Operation for TV and FILM

RDM (Remote Device Management)

Gel Frame and Rotating Barn Doors (included)

3 Clamp Position Adjustable Mounting Yoke

SPECIFICATIONS

SOURCE
150W >95CRI 3,000K Cool White LED
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
6,500+ Total Lumen Output
17,829 LUX 1,656 FC @6.6' (2m) (Min Zoom / Full ON)
4,412 LUX 410 FC @6.6' (2m) (Max Zoom / Full ON)

EFFECTS
15° - 38° Wide Manual Zoom
Electronic Dimmer and Strobe
Variable 16-bit Dimming Modes and Curves

COLOR
Warm White 3,000K

CONTROL / CONNECTIONS
Manual and DMX Controlled Dimmer and Shutter
Dimmer and Zoom Rotary Dials
(5) DMX Channel Modes (1 / 2 / 3 / 4 / 5)
4 Button Control Panel LCD Menu Display
RDM (Remote Device Management)
Adjustable LED Refresh Rate
3/5pin DMX and Locking Power Cable In/Out

SIZE / WEIGHT
Length: 19.62" (498.5mm)
Width: 10.75" (273mm)
Vertical Height: 15.47" (393mm)
Weight: 18.5 lbs. (8.4kg)

ELECTRICAL / THERMAL
AC 100-240V - 50/60Hz
180W Max Power Consumption
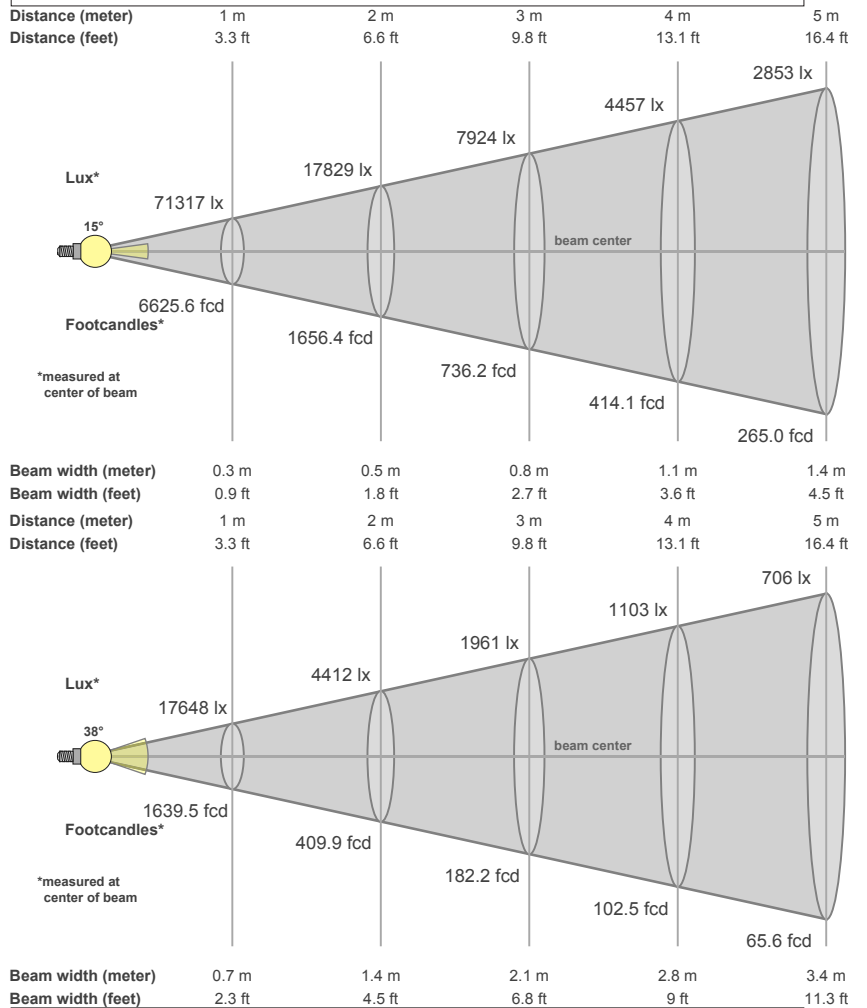Multiple Unit Power Linking
5°F to 113°F (-15°C to 45°C)

INCLUDED ITEMS
Gel Frame and Rotating Barn Doors
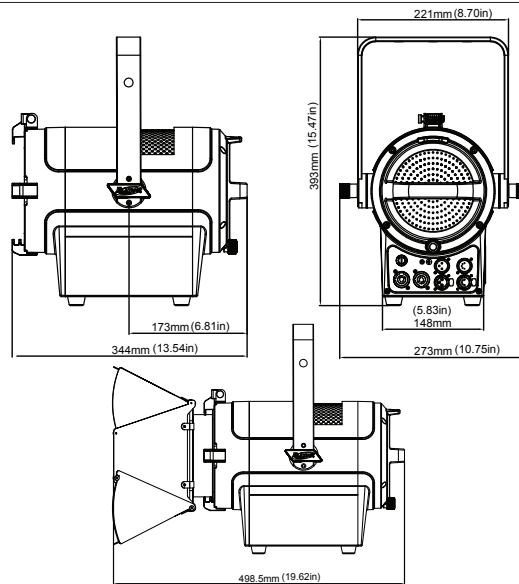Locking Power Cable
Barn Doors

APPROVALS / RATINGS
CE IP30 ETL cus
Intertek
4010765

PHOTOMETRIC DATA

Distance (meter)	1 m	2 m	3 m	4 m	5 m
Distance (feet)	3.3 ft	6.6 ft	9.8 ft	13.1 ft	16.4 ft

Lux*
15°
71317 lx   17829 lx   7924 lx   4457 lx   2853 lx
beam center

Footcandles*
6625.6 fcd   1656.4 fcd   736.2 fcd   414.1 fcd   265.0 fcd
*measured at center of beam

Beam width (meter)	0.3 m	0.5 m	0.8 m	1.1 m	1.4 m
Beam width (feet)	0.9 ft	1.8 ft	2.7 ft	3.6 ft	4.5 ft
Distance (meter)	1 m	2 m	3 m	4 m	5 m
Distance (feet)	3.3 ft	6.6 ft	9.8 ft	13.1 ft	16.4 ft

Lux*
38°
17648 lx   4412 lx   1961 lx   1103 lx   706 lx
beam center

Footcandles*
1639.5 fcd   409.9 fcd   182.2 fcd   102.5 fcd   65.6 fcd
*measured at center of beam

Beam width (meter)	0.7 m	1.4 m	2.1 m	2.8 m	3.4 m
Beam width (feet)	2.3 ft	4.5 ft	6.8 ft	9 ft	11.3 ft

DIMENSIONAL DIAGRAMS

221mm (8.70in)
393mm (15.47in)
173mm (6.81in)
344mm (13.54in)
(5.83in) 148mm
273mm (10.75in)
498.5mm (19.62in)

ORDERING INFORMATION

KLF012	KL FRESNEL 6
TRIGGER CLAMP	Heavy Duty Wrap Around Hook Style Clamp
AC5PDMX5PRO	5 ft. (1.5m) 5pin PRO DMX Cable (Additional cable lengths available)
NEU088	3 ft. (1m) Locking Power Link Cable (Additional cable lengths available)

Specifications subject to change without notice ©Elation Professional 03/02/19

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