KL FRESNEL 4™

KL FRESNEL 4 is a 50W 3,000K >97CRI Warm White LED fresnel, producing over 1,900 total lumen output, on par with compatible tungsten halogen models. Features include 14° to 30° wide manual zoom, manual and DMX controlled dimmer and shutter, rotary dimmer dial, smooth 16-bit selectable dimming modes and curves, LED refresh rate frequency adjustment for flicker free operation for TV and FILM, RDM (remote device management) protocol support, 5pin DMX and IP65 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 barn doors (included), and a 3 clamp position adjustable mounting yoke.

4.2. FEATURES

4.3. **50W 3,000K >97CRI Warm White LED Engine**

4.4.
4.2. **1,900+ Total Lumen Output**

On Par with Tungsten Halogen Models

14° to 30° Wide Manual Zoom

Manual and DMX Control

Rotary Dimmer Dial

Smooth 16-bit Selectable Dimming Modes and Curves

LED Refresh Rate Adjustment

4.11. **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
50W 97CRI 3,000K Warm 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
1,900+ Total Lumen Output
6,837 LUX 635 FC @6.6' (2m) (Min Zoom / Full ON)
1,791 LUX 166 FC @6.6' (2m) (Max Zoom / Full ON)
Zoom Range 14° - 30°
Beam Angle 14.2° - 29.7°
Field Angle 23.2° - 48°

EFFECTS
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 Rotary Dial
(5) DMX Channel Modes (1 / 2 / 3 / 4 / 5)
4 Button Control Panel LCD Menu Display
RDM (Remote Device Management)
5pin DMX and IP65 Locking Cable In/Out
With Wired Digital Communication Network

SIZE / WEIGHT
Length: 13.6" (345mm)
Width: 7.9" (201mm)
Vertical Height: 11.4" (289mm)
Weight: 9.0 lbs. (4.08 kg)

ELECTRICAL / THERMAL
AC 100-240V - 50/60Hz
50W Max Power Consumption
5°F to 113°F (-15°C to 45°C)
Power Linking: 12Pcs @ 110V / 27Pcs @240V

INCLUDED ITEMS
Gel Frame and Rotating Barn Doors
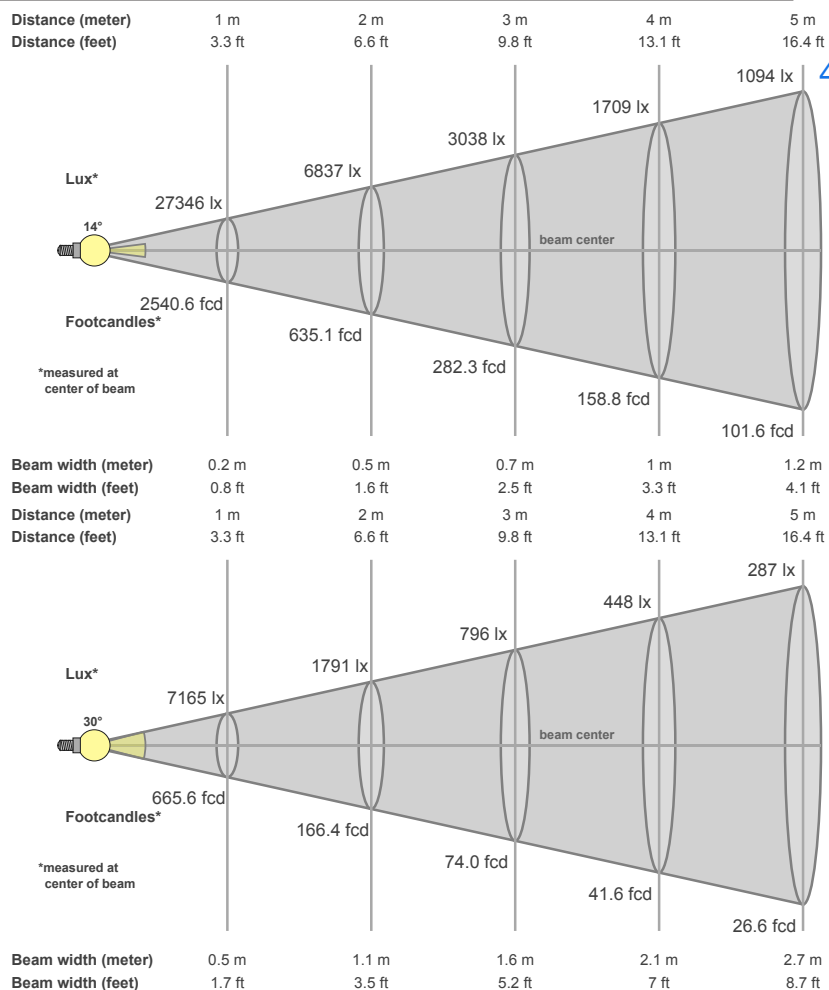IP65 Locking Power Cable
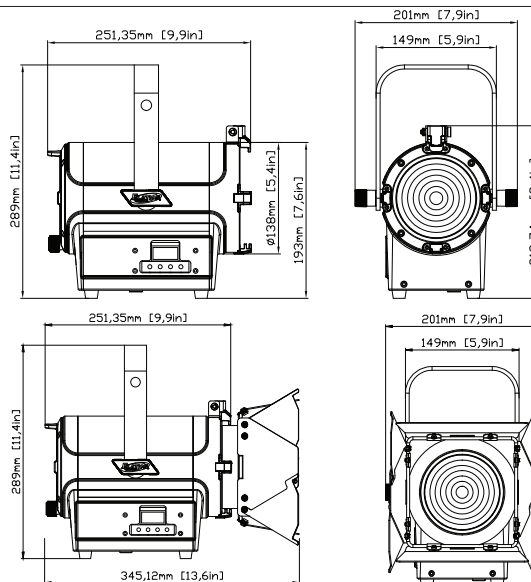Barn Doors

APPROVALS / RATINGS
CE | cETLus | IP30

ETL LISTED c US
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*
14°

27346 lx   6837 lx   3038 lx   1709 lx   1094 lx

beam center

Footcandles*
2540.6 fcd   635.1 fcd   282.3 fcd   158.8 fcd   101.6 fcd

*measured at center of beam

Beam width (meter)	0.2 m	0.5 m	0.7 m	1 m	1.2 m
Beam width (feet)	0.8 ft	1.6 ft	2.5 ft	3.3 ft	4.1 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*
30°

7165 lx   1791 lx   796 lx   448 lx   287 lx

beam center

Footcandles*
665.6 fcd   166.4 fcd   74.0 fcd   41.6 fcd   26.6 fcd

*measured at center of beam

Beam width (meter)	0.5 m	1.1 m	1.6 m	2.1 m	2.7 m
Beam width (feet)	1.7 ft	3.5 ft	5.2 ft	7 ft	8.7 ft

DIMENSIONAL DIAGRAMS

251,35mm [9,9in]
289mm [11,4in]
[5,4in]
Ø138mm [7,6in]
193mm [7,6in]

201mm [7,9in]
149mm [5,9in]
213,74mm [8,4in]

251,35mm [9,9in]
289mm [11,4in]
345,12mm [13,6in]

201mm [7,9in]
149mm [5,9in]

ORDERING INFORMATION

KLF001	KL FRESNEL 4
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 10/21/20

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