



PANEL XL



ELATION®

544W Full Spectrum RGBWLC LED Soft Light

DATA SHEET



KEY FEATURES

544W RGBWLC (Red, Green, Blue, White, Lime, Cyan) LED Array

CRI 95, CCT Adjustment from 2,000 to 10,000K

44,000 Total Lumen Fixture Output

4x2 Section control option

Internal Power Supply with Power Pass-Through

24-36 VDC Battery Operation (battery not included)

E-FLY™ Internal Extended Range Wireless DMX Transceiver

Stand-Alone Control with 3 Encoders and OLED Display

Barn Doors, Diffuser, and Junior Pin (1 1/8" - 28mm) included

The **KL PANEL XL™** is a full-color-spectrum LED soft light 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.

The **KL PANEL XL** incorporates a highly efficient 6-in-1 LED package that produces up to 44,000 lumens at a 100° half-peak angle. The optional 4x2 Section control provides additional creative capabilities for color effects and visual impact.

Compact and portable, the fixture can be mounted on a stand or suspended using any standard clamp or the included Junior pin adapter. A rugged housing with impact resistant surrounds and base plate ensures the **KL PANEL XL** can handle the rough handling on today's fast paced sets.

It is fully self-contained without the need for an external power supply. It can also be remotely powered thru its integrated 4-pin XLR 24-36 VDC battery input. The **KL PANEL XL** can be operated through industry standard DMX protocol. In addition, it can also be adjusted manually using the included encoders and OLED display, providing instant control of Intensity, Color temperature, Green shift and other important settings. The display and encoders are conveniently positioned on the bottom of the fixture to ensure easy access while the **KL PANEL XL** is mounted on a stand. The integration of Elation's E-FLY™ wireless system allows for even more flexibility of use.



Specifications are subject to change without notice ©Elation Professional 12/11/2025

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SPECIFICATIONS

SOURCE

6-in-1 (Red, Green, Blue, White, Lime, Cyan)
Full Spectrum LED Array
50,000 Hour Average LED Life*
*Test lab conditions. 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

up to 44,000 Total Lumen Output
Diffuser
Beam Angle 101°
Field Angle 159.4°
Without Diffuser
Beam Angle 111°
Field Angle 155.4°

EFFECTS

Variable CCT 2000K - 10000K
Green-Shift Adjustment
4x2 Section Control
Virtual Gel Library
Variable 16-bit Dimming Curve Modes
High Speed Electronic Shutter and Strobe
Remote Adjustable LED Refresh Rate
Frequency
(900-25kHz)

CONTROL / CONNECTIONS

12 DMX Channel Modes (1-96 Ch.)
1 or 8 cell control sections
3 Manual Adjustment Encoders
4 Button Control Panel and OLED Menu Display
E-FLY™ Internal Extended Range Wireless DMX Transceiver
Locking 5pin XLR Connector In/Out
Locking 3pin XLR Connector In/Out
Locking IP65 Power Connector In/Out
USB Connection (Firmware Updates, External 5V power for accessories)
4pin XLR External Battery Connection (battery not included)

SIZE / WEIGHT

Length: 33.8" (858.0mm)
Width: 6.1" (155.5mm)
Height: 12.1" (306.3mm)
Height (with yoke): 16.8" (426.8mm)
Weight: 37.9 lbs. (17.2 kg)
Weight: (Junior Pin) 1.02 lbs. (0.46 kg)

ELECTRICAL / THERMAL

AC 100-240V - 50/60Hz
24-36 VDC (battery operation - battery not included)
Max Power Consumption 544W
14°F to 113°F (-10°C to 45°C)
BTU/hr (+/- 10%) 1708.2

APPROVALS / RATINGS

CE | cETLus | IP20 | UKCA



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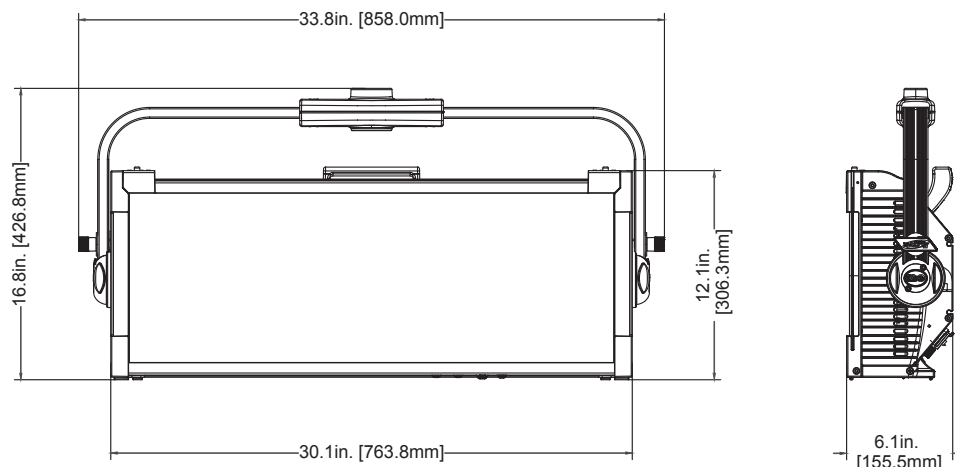


ELATION®

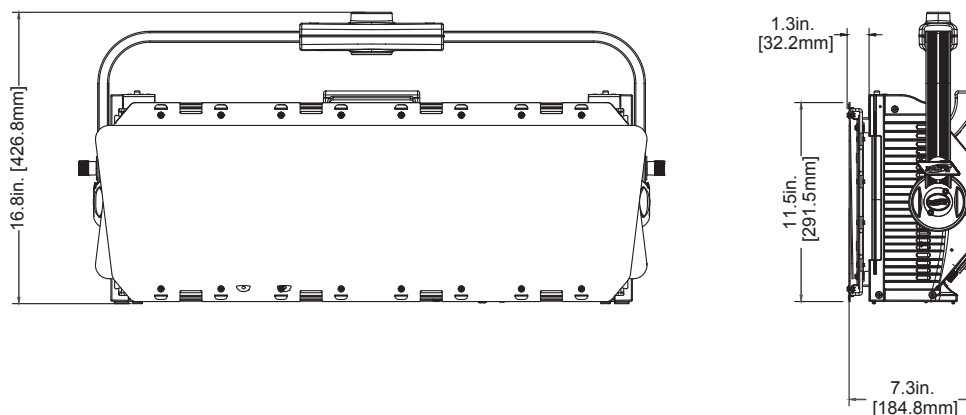
544W Full Spectrum RGBWLC LED Soft Light

UNIT DIMENSIONS

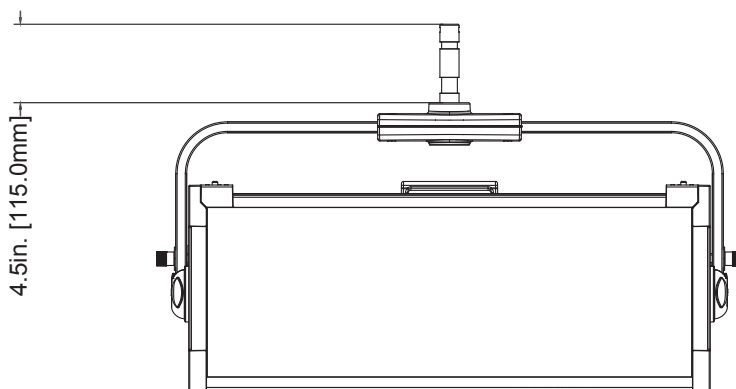
FIXTURE ONLY



BARNDOR installed



JUNIOR PIN installed



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ORDERING INFORMATION

KLP103	1237000254	KL Panel XL
KLP972	1223200093	KL Panel XL Intensifier Lens
KLP649	1223200087	KL Panel XL Snap Grid
KLP651	1223200086	KL Panel XL Snap Bag Softbox
KLP637	1223200088	40° Snap Grid KL Panel XL Snap Bag Softbox



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