



BATTEN 48



16x100W RGBMA IP65 Light Engine

PRELIMINARY DATA SHEET



KEY FEATURES

(16) 100W RGBMA LED Array

46,744 Total Fixture Lumen Output (Sphere)

Full Pixel Control

Integrated Lens and Accessory Slots

Art-Net & sACN Support

Integrated L Track for Flexible Mounting

End-to-End Magnetic Alignment System

NFC & Aria x2 Wireless Device Management

IP65 Rated

Perfect for the grandest stage and the great outdoors, the powerful **KL BATTEN 48** delivers over 46,500 lumens of smooth, even light. The RGBMA LED engine and its homogeneous beam produces natural, full-spectrum light, with a high CRI that looks good on stage and in the studio.

Its adaptable L-Track design makes mounting simple, while seamless control options and quiet cooling ensure professional performance in any environment.

Paired with IP-65 protection, it's the dependable, full-spectrum workhorse that keeps creative intent intact from rehearsal to showtime.



Specifications are subject to change without notice ©Elation Professional 01/13/2026

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

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



BATTEN 48



16x100W RGBMA IP65 Light Engine

SPECIFICATIONS

SOURCE

(16) x 100W RGBMA LEDs
30,000 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:
46,744 (Integrating Sphere)
CRI- 94.9
TLCI- 95
Beam Angle: 62° x 21°
Field Angle: 79° x 51°

EFFECTS

Full Pixel Control
Electronic Dimmer and Strobe
Variable 16-bit Dimming Modes and Curves

COLOR

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

CONTROL / CONNECTIONS

34 DMX Channel Modes (1ch, 3ch, 4ch-A, 4ch-B, 4ch-C, 9ch, 10ch, 14ch, 22ch, 16ch, 6ch, 8ch-A, 8ch-B, 20ch-A, 20ch-B, 32ch, 12ch, 16ch-A, 16ch-B, 40ch, 32ch, 54ch, 24ch, 32ch-A, 32ch-B, 80ch, 56ch, 96ch, 48ch, 64ch-A, 64ch-B, 160ch, 104ch, 186ch)
4 Button Control Panel, Color LED Display
RDM (Remote Device Management)
Aria x2 Wireless Device Management
NFC Configuration
IP65 5pin XLR DMX In/Out
IP65 RJ45 Ethernet In/Out (Art-Net & sACN)
IP65 Locking Power Cable In/Out

SIZE / WEIGHT

Length: 47.7" (1212mm)
Width: 5.8" (148mm)
Vertical Height: 8.5" (216mm)
Weight: 43 lbs / 19.5kg

ELECTRICAL / THERMAL

AC 100-240V - 50/60Hz
800W Max Power Consumption
Power Thru Capacity: 4A (0 units @110V; 1 unit @240V)
5°F to 113°F (-15°C to 45°C)
BTU/hr (+/- 10%) 2,728

INCLUDED ITEMS

Glare Shield
Border Light Filter
2x Safety Cable
IP65 Locking Power Cable

OPTIONAL ITEMS

Omega Bracket (Qty.2)
L-Track to M10 Adapter, 70mm (LTR001)
L-Track to M10 Adapter, 44.5mm (LTR008)
L Track C-Clamp & Adapter Assembly, 70mm (LTR100)
L Track C-Clamp & Adapter Assembly, 44.5mm (LTR112)

ORDERING INFORMATION

SKU (US)	SKU (EU)	DESCRIPTION
KLB248	N/A	KL Batten 48



Specifications are subject to change without notice ©Elation Professional 01/13/2026

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

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



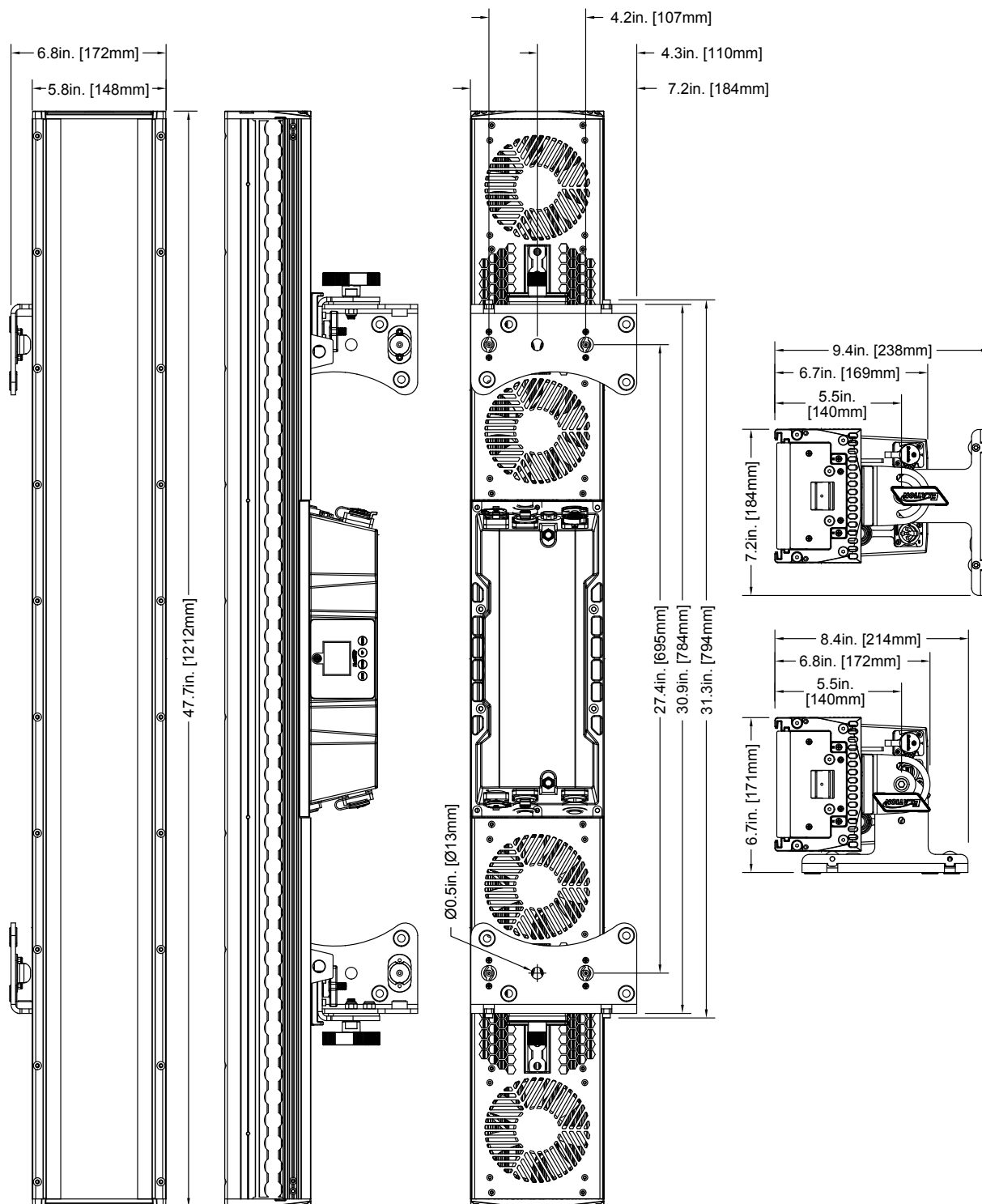
BATTEN 48



ELATION®

16x100W RGBMA IP65 Light Engine

UNIT DIMENSIONS



Specifications are subject to change without notice ©Elation Professional 01/13/2026

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

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