

# KLA-LINER 55

## High-density LED Pixel Wash Bar

The KLA-LINER 55 is a high-density LED pixel wash bar designed for stages, architectural lighting, House of Worship, and event applications requiring dynamic visual effects and precise pixel control. Powered by high-output 7575 LED beads and RGB LEDs, it delivers vibrant color washes, smooth gradients, and complex pixel-mapped effects. The fixture supports linear dimming, high-speed strobe operation, and multiple effect modes including single-pixel control. Engineered for stable, long-term performance, it features intelligent temperature-controlled cooling, flexible DMX control options, and a slim linear form factor, making it ideal for creative lighting designs and demanding professional environments.



### Features

- **High-density LED system** – Optimized for pixel wash and effect applications
- **High-output LED configuration** – 240 × 5W 7575 LED beads combined with 480 × 0.3W RGB LEDs for rich color depth and visual impact
- **Long LED lifespan** – Rated up to 20,000 hours for reliable long-term operation
- **High-speed strobe effects** – Variable strobe frequency from 1–30Hz
- **Advanced effect capabilities** – Supports flashing, wash, pixel gradient effects and pulse changes.
- **Individual LED point control** – Enables detailed pixel mapping, chases, and gradient effects
- **Multiple DMX channel modes** – 4 / 13 / 36 / 96 / 105 / 168 CH for simple to advanced programming
- **Lightweight design** – Compact size for easy installation and ideal for truss mounting and touring use

**Electrical**

Input Voltage:	AC 100–240V 50/60Hz
Power Consumption:	450W

**Light Source**

Main Light Source:	480 × 0.3W RGB LEDs
Auxiliary Light Source:	240 × 5W high-power 7575 LED beads
Lifespan:	20,000 hours

**Control and Programming**

Control Modes:	DMX 512, RDM, self-running, master/slave, sound-activated
DMX channels:	4, 13, 36, 96, 105, 168
Setting and Addressing:	Control panel with backlit graphic display

**Dynamic Effects**

Color mixing:	RGBW additive color mixing
Dimming	0-100% linear dimming
Strobe:	1-30Hz
Effect Modes:	Wash
Pixel Control:	Point control with gradient effects

**Physical**

Dimensions:	1000 × 70 × 80 mm
Net Weight:	4.4 kg

**Connections**

AC power input:	Neutrik PowerCon
DMX and RDM data in/out:	3 Pin XLR

**Safety**

Protection Rating:	IP20
Minimum ambient temperature	41° F (5° C)
Maximum ambient temperature	104° F (40° C)
Maximum surface temperature	176° F (80° C)

**Dimensions**

*\*Specifications subject to change without notice. 01/2026*