

PL-WM-25TRI

Overview

The PL-WM-25TRI is a professional 5×5 LED matrix fixture equipped with 25 high-output 30W RGB 3-in-1 LEDs (optional 9W version), delivering powerful pixel-based visual effects for concerts, stages, clubs, and creative installations.

With full pixel-mapping capability, each LED cell can be controlled independently, enabling dynamic chases, graphics, beam grids, and high-impact visual compositions.

The fixture offers 1 to 75 DMX channels, built-in effects, rainbow programs, smooth 1–100% dimming, and a robust design with PowerCON I/O.

Ideal for professional show designers seeking a versatile, high-brightness matrix light.

Product Specification

Items	Specification
Model	PL-WM-25TRI – 5×5 LED Matrix Light
LED Source	25 × RGB 3-in-1 LEDs (30W each, optional 9W)
LED Lifetime	Approx. 50,000 hours
Pixel Mapping	Individual control for all 25 LEDs
Dimming	1–100% linear
Effects	Rainbow effect, built-in programs, matrix animations
Strobe	Yes (via RGB intensity control)
Control Protocol	DMX512

Feature

- 25 × RGB 3-in-1 LEDs (30W each) — strong output with optional 9W version
- Full pixel-mapping — each LED controllable individually
- Smooth 1–100% linear dimming
- Multiple DMX modes: 1 / 3 / 5 / 25 / 75 CH
- Built-in effects: rainbow, chase, strobe, matrix animations
- LCD display for quick configuration
- End-to-end connection capability
- PowerCON in/out for efficient power linking
- LED lifetime up to 50,000 hours
- PWM flicker-free (≥ 2 kHz – 25 kHz) — suitable for cameras

Items	Specification
DMX Channels	1 / 3 / 5 / 25 / 75 CH
Display	LCD display
Input Voltage	AC 90–260V auto-sensing
Power Consumption	780W
Power Connections	PowerCON In/Out
DMX Connections	3-pin XLR In/Out
PWM Frequency	≥ 2 kHz – 25 kHz (flicker-free)
IP Rating	IP20
Dimensions (L×W×H)	580 × 580 × 130 mm
Weight	13 kg
MTBF	≥ 20,000 hours

