

PL-W-ST54

Overview

The **PL-W-ST54** is a compact yet powerful LED strobe light designed for professional stage, club, and event lighting applications. Featuring 54 high-power 3W white or warm white LEDs, it delivers bright, consistent strobe effects with smooth dimming and precise control. Equipped with DMX512 compatibility, digital display, and advanced flicker-free technology, the **PL-W-ST54** ensures reliable performance for video, live events, and large-scale installations. Its long-lasting LEDs and robust design make it an ideal choice for demanding lighting setups.

Product Specification

Items	Specification
Model	PL-W-ST54
Light Source	54 pcs 3W high-power white / warm white LEDs
Beam Angle	60°
Dimmer	0-100% linear
Strobe Rate	0-25 F.P.S
IP Rating	IP20
Physical Size/ Weight	39 × 19 × 14 cm (L × W × H) / 5.6 kg
LED Lifespan / MTBF	~50,000 hours / ≥20,000 hours
Control Protocol	DMX512
DMX Channels	2 CH
Display	Digital display
Power Supply	AC 90-260V auto sensing
Power Consumption	180W
DMX Connection	3-pin XLR in/out
CRI	96 - accurate color rendering
CCT Consistency	±100K - uniform color across LEDs
Flicker-Free	PWM frequency 2 kHz - 25 kHz - ideal for video/live streaming

Feature

- 54 high-power 3W LEDs (white or warm white) for bright strobe effects
- Smooth dimming: 0-100% linear
- Adjustable strobe rate: 0-25 F.P.S
- Beam angle: 60° for broad coverage
- Digital display for easy setup and programming
- DMX512 control, 2 channels
- Lightweight and compact design: 5.6 kg
- Long LED lifespan: 50,000 hours
- IP20 indoor rating.

