

FL486C

LED Five-Color Panel Soft Light



Description

The FL486C LED Five-Color Panel Soft Light is a professional five-color LED soft lighting fixture designed for stage, studio, conference, and theater applications. It delivers smooth, uniform illumination with adjustable color temperature and precise dimming control. Featuring a high-resolution color display, intuitive menu operation, and DMX512 control, the FL486C ensures flexible lighting performance, stable output, and reliable operation in various professional environments.

Features

- Five-Color LED Light Source: Integrates R, G, B, W, and S LEDs to provide rich color mixing and enhanced lighting flexibility.
- Adjustable Color Temperature: Supports a wide color temperature range from 3200K to 5600K, suitable for both warm and cool lighting scenarios.
- High-Precision Dimming Control: Smooth linear dimming from 0–100%, ensuring flicker-free performance even at low brightness levels.
- DMX512 Control (8 Channels): Compatible with standard DMX512 systems, enabling seamless integration into professional lighting control setups.
- Intuitive Color Display & Menu System: Equipped with a color LCD screen for clear parameter display and easy operation, supporting Chinese and English languages.
- Smart Thermal & Fan Management: Built-in temperature monitoring and adjustable fan modes ensure stable performance and extended service life.

Specifications

Model	FL486C
Input Voltage	AC100V-AC240V, 50/60Hz
Rated Power	300W@220V
Light Source	486 pcs 3030 RGB (3-in-1) LED chips + 972 pcs 2835 Cool White LED chips + 972 pcs 2835 Warm White LED chips
LED Lifetime	50,000 hours
Color Temperature	3200K – 5600K
Color Rendering Index	Ra≥95
Colors	Red, Green, Blue, Cool White, Warm White (linear color mixing)
Beam Angle	Beam angle: 135°
Dimming	0–100% linear dimming, smooth and flicker-free
Strobe	1–25 times/sec, independent electronic strobe
Control Mode	DMX512, Manual
Channels	8CH
Display	Color LCD screen
Cooling System	Customized fan with intelligent speed and noise control
Protection	Built-in NTC temperature monitoring; output power is reduced when overheating
Operating Environment	-20°C-40°C
IP Rating	IP20
Net Weight	8.8kg
Dimensions	658×123×415mm