

FL200

200W Bi-Color LED Profile Spotlight with Manual Zoom



Description

The FL200 is a professional bi-color LED profile spotlight designed for stage, studio, and broadcast applications. It features a 200W high-brightness COB LED with adjustable color temperature from 3200K to 5600K and a high CRI of ≥ 95 for accurate color rendering. The manual zoom system allows a flexible beam angle from 15° to 60° , while 0–100% flicker-free linear dimming ensures smooth performance for photography, TV, and film production. DMX512 control with 5-channel mode (bi-color) and intelligent thermal management guarantee reliable operation in professional environments.

Features

- Bi-color LED: 3200K–5600K adjustable color temperature
- Manual zoom: 15° – 60° beam angle for versatile lighting
- Smooth, flicker-free dimming: 0–100% linear control
- DMX512 control with 3CH (single color) / 5CH (bi-color) mode
- Intelligent fan and thermal protection for quiet, safe operation
- High CRI (≥ 95) for accurate color rendering

Model	FL200
Input Voltage	AC100-240V 50/60Hz
Rated Power	250W
Light Source	200W high-brightness COB LED
LED Color Temperature	3200K / 5600K / 3200–5600K (Adjustable)
Color Rendering Index (CRI)	≥95
Optical System	Threaded lens
Beam Angle	15°–60°
Dimming	0–100% linear electronic dimming
Focus	Manual zoom
Control Mode	DMX512, master/slave
Channels	3CH (single color), 5CH (bi-color)
Control Panel	Button panel
Cooling	Custom fan with intelligent speed control
Protection	NTC temperature monitoring reduces LED output on overheating
Operating Temperature	-10° to 40°C
Dimensions	340 × 310 × 256 mm
Weight	6.8 kg
Ingress Protection	IP20