

FL300A

300W LED Profile Spotlight with Motorized Zoom



Description

The FL300A is a professional LED profile spotlight with a 300W imported COB LED, delivering high brightness, excellent color fidelity (CRI ≥ 92), and selectable color temperatures of 3200K, 5600K, or RGBW. Its motorized zoom allows precise beam adjustment from 15° to 36°, offering versatile spot, flood, and soft-edge lighting effects. Smooth 0–100% flicker-free dimming, advanced K9 optics, and silent fan cooling ensure reliable performance in demanding environments. DMX512, master-slave, and auto modes provide flexible control, making the FL300 ideal for TV studios, broadcast rooms, theaters, conference halls, churches, weddings, banquet halls, and stage performances.

Features

- Motorized zoom: 19°–50° adjustable beam angle
- Bi-color or single-color LED options: 3200K / 5600K / 5600K–3200K adjustable
- High CRI (Ra ≥ 95 , up to 97) for true-to-life color
- Smooth, flicker-free 0–100% linear dimming with 4 dimming curves
- DMX512/RDM control with master-slave or stand-alone operation
- LCD display with 4 touch buttons for intuitive control
- Intelligent thermal management with NTC temperature protection
- Quiet fan cooling for low-noise operation

Model	FL300A
Input Voltage	AC100-240V 50/60Hz
Power	360W
Light Source	300W Imported COB LED
Color Temperature	3200K / 5600K / RGBW (Optional)
CRI	≥92
LED Lifespan	50,000 Hours
Dimming	0–255, 0–100% Linear Dimming
Zoom	Motorized Zoom
Optical System	Professional K9 Optical Lens + Aspherical Lens
Beam Angle	15°–36°
Lighting Effects	Spot, Flood, Soft Wash
Control Modes	DMX512, Auto, Master/Slave
DMX Channels	4CH
Display	LCD Display with 4-Button Control Panel
Cooling System	Silent Fan
Software Upgrade	Via DMX Connection
IP Rating	IP20
Net Weight	9.1 kg
Gross Weight	10.7kg
Product Dimensions	270 × 270 × 690 mm
Package Dimensions	305 × 365 × 775 mm