PL-FLT-450N

Overview

450W LED FOLLOW SPOT LIGHT is a professional high-brightness follow spot fixture designed for precise and controlled subject illumination in stage, theatre, concert, event, and performance applications.

Featuring a 450W high-power LED light source with an average lifetime of 50,000 hours, the fixture delivers high-brightness output with a flexible 6°–15° adjustable beam angle. Manual zoom and focus allow accurate beam shaping and subject framing for different projection distances and stage requirements.

The fixture provides comprehensive color and intensity control, including a 1800K–8000K color temperature range, CRI ≥96, CCT consistency of ±100K, 5 selectable colors, and 0–100% linear dimming. Flicker-free operation with PWM frequency ≥2kHz–25kHz ensures stable light output for professional stage production and camera applications.

Supporting manual and DMX control, the fixture provides DMX512 with 2/6 channels, 0–25 fps strobe, PowerCon In/Out, and 3-pin XLR DMX connections. Built-in over-voltage, over-current, and over-temperature protection enhances operational reliability in professional lighting systems.



Key Feature

- 450W High-Power LED Light Source
- High-Brightness Output
- 50,000-Hour Average LED Lifetime
- 6°–15° Adjustable Beam Angle
- Manual Zoom & Manual Focus
- Color Temperature: 1800K–8000K
- CRI ≥96
- CCT Consistency: ±100K
- 5 Selectable Colors
- 0–100% Linear Dimming
- Flicker-Free Operation
- PWM Frequency: ≥2kHz–25kHz
- 0–25 fps Strobe
- Manual Control / DMX Control
- DMX512 Protocol
- DMX Channels: 2 / 6 CH
- IP20 Protection
- Operating Temperature: -20°C to +40°C
- Over-Voltage / Over-Current / Over-Temperature Protection
- AC 90–260V Auto-Sensing Input, 50/60 Hz
- PowerCon In/Out
- DMX Data In/Out – 3-pin XLR
- ISO 9001:2015 Certified Quality Management System

Prolite INT'L Electron Limited
45-51 Chatham Road South Tsim Sha Tsui, Hongkong
www.prolite.hk
info@prolite.hk / sales@prolite.hk

PL-FLT-450N

Specification

Specification	Details
Product Name	450W LED Follow Spot Light
Light Source	450W LED Lamp
LED Lifetime	50,000 Hours
Light Output	High Brightness Output
Power Supply	AC 90–260V, Auto-Sensing, 50/60 Hz
Power Consumption	400W
Beam Angle	6°–15°
Zoom	Manual Zoom
Focus	Manual Focus
Color Temperature	1800K–8000K
CRI (Color Rendering Index)	≥96
CCT Consistency	±100K
Color Options	5 Selectable Colors

Specification	Details
Dimming	0–100% Linear
Flicker-Free	Yes
PWM Frequency	≥2kHz–25kHz
Strobe	0–25 fps
Control Mode	Manual Control / DMX Control
Control Protocol	DMX512
DMX Channels	2 / 6 CH
Manual Functions	Manual Selection of 5 Colors, Zoom & Focus
IP Rating	IP20 Indoor
Operating Temperature	-20°C to +40°C
Safety Protection	Over-Voltage / Over-Current / Over-Temperature Protection
Power Connections	PowerCon In/Out
DMX Connections	DMX Data In/Out, 3-pin XLR
Dimensions – Light Only	L 85 × W 23 × H 23 cm
Weight – Including Stand/ Including Flight Case	21 kg/47 kg
Quality Management System	Manufactured under ISO 9001:2015 Certified Quality Management System

Prolite INT'L Electron Limited
45-51 Chatham Road South Tsim Sha Tsui, Hongkong
www.prolite.hk
info@prolite.hk / sales@prolite.hk