



CYCLOPS
LIGHTING



FLASHBAR 500

DATASHEET



The FLASHBAR 500 is a rugged, IP65-rated linear wash designed to bring the soul of tungsten lighting into the digital age. By pairing 36 high-power Warm White LEDs with 96 Red and Amber emitters, it achieves a stunningly authentic Redshift (Halogen) effect that perfectly mimics the warm amber drift of a dimming filament. Beyond its vintage glow, this fixture is a technical workhorse, featuring RDM remote management, four selectable dimming curves, and an adjustable PWM frequency up to 25,000Hz for flicker-free performance under the most demanding camera shutters. Whether used as a high-impact stage blinder or a weather-proof architectural grazer, the Flashbar 500 delivers premium color consistency and professional-grade versatility.

SOURCE

Light Source • 48pcs x 1W Red + 48pcs x 1W Amber + 36pcs x 10W WW (Warm White)

OPTICAL SYSTEM

Beam Angle • 40°

COLORS

Color Mixing • Red, Amber, and Warm White (WW) mixing

DYNAMIC EFFECTS

Built-in Effects • Variable color chasing, strobing, and fading
Special Effects • Halogen/Redshift effect (simulates halogen lamp behavior when dimming)
Strobe Effect • Multiple strobe modes (opening/closing pulse, random strobe, burst pulse, random burst, and sine wave)

CONTROL & PROGRAMMING

Display • TFT displayer with four buttons
Control Channels • 1 / 4 / 6 / 12 / 16 / 21 / 24 / 34 CHs
Control Protocols • DMX 512, Master/Slave, Auto Run, and RDM (Remote Device Management)
Dimming Curves • 4 selectable dimming curves (Linear, Square Law, Inverse Square Law, S-Curve)
Internal Programs • 5 Auto modes (Auto 1–5) and adjustable speed (01–05)
LED Frequency • Selectable PWM ensuring video flicker-free
PWM Frequency • Adjustable from 600Hz to 25,000Hz

THERMAL MANAGEMENT

Operating Temperature • -20°C to 50°C
Temperature Control • Working temperature displayed on-screen; includes color-coded alerts (yellow) when exceeding maximum temperature

CONNECTIONS

Power Connections • Power-In and Power-Out (daisy-chain capable)
DMX Connections • 3-pin XLR (DMX-In and DMX-Out)

ELECTRICAL

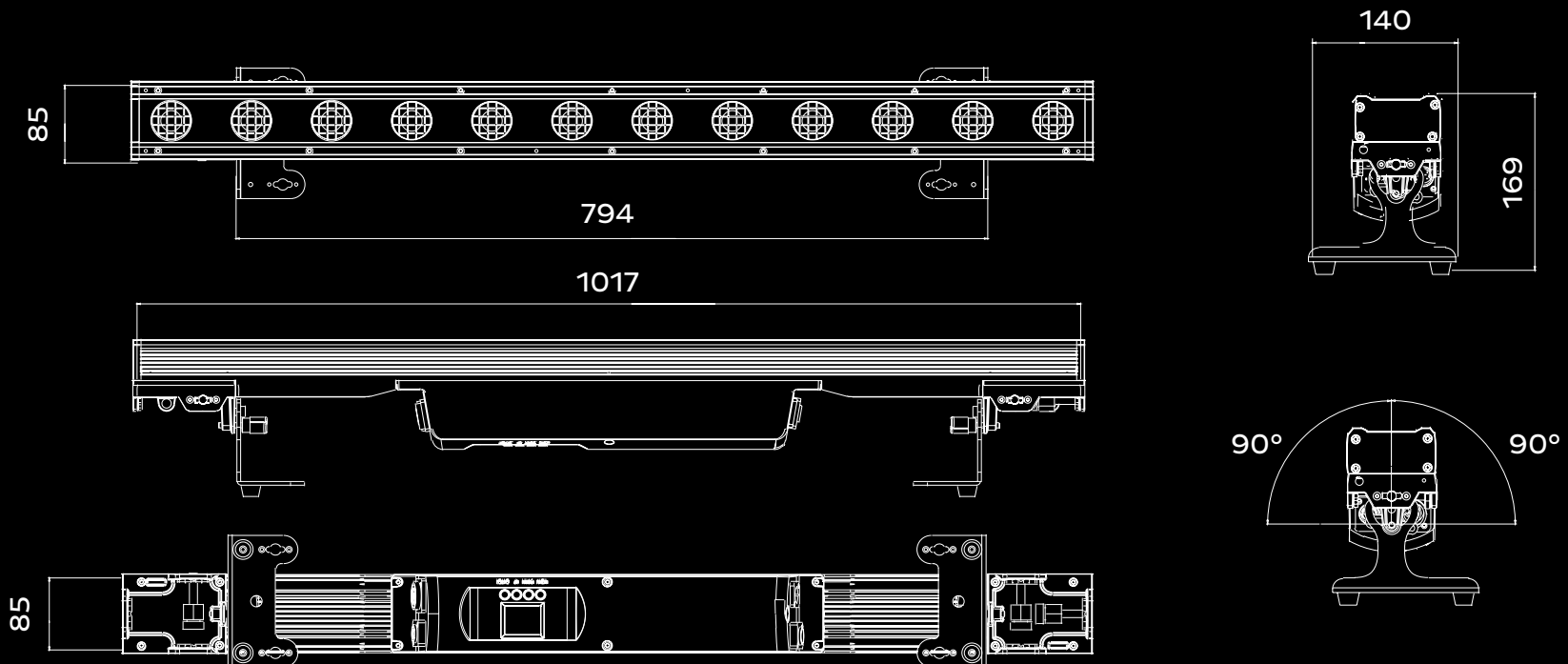
- Input Voltage • AC110 - 230V / 50 - 60Hz
- Power Consumption • 260W

PHYSICAL

- Dimensions • 1017 x 140 x 169 mm
- Net Weight • 9.5 Kg
- Housing • Aluminum
- IP Rating • IP65

INSTALLATION

- Mounting • Three positions: hanging (upside-down), flat level surface, or side-mounted



OPTIONAL ACCESSORIES

Square Base

CBASE-01

The **CBASE-01** is a heavy-duty square floor base designed to provide maximum stability for vertical installations of the Spectra Bar and Flash Bar series. Its low-profile, weighted steel construction ensures a secure foundation for upright mounting in both stage and architectural environments.

Base Adapter Plate B

CBASE-ADAPTER-B

The CBASE-ADAPTER-B is a dedicated adapter plate specifically designed for the FLASH BAR series. This plate allows for seamless integration with the CBASE-01 square base, ensuring a perfectly balanced and stable vertical mount for high-impact lighting displays.



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www.cyclopslighting.com