

# Studio LED Fresnel 500W Bi-Color

Reference: LLS-SF500WBC



- Power: 500W
- Light output: 50000 lux @ 1m - 60°
- Color temperature: 2800K-6500K | CRI / TLCI 98
- Adjustable beam angle from 60° to 90°
- Die-cast aluminum housing
- Local & DMX512 control
- 7 programs with lighting effects
- Size & weight: 37 x 41 x 32 cm | 9.8 kg



## Product description:

The newest generation of Studio LED Fresnel lights feature the highly efficient COB technology to deliver powerful and directional light. The true Fresnel lens produces single-shadowed soft-edged beam, delivering that natural result every cinematographer is looking for.

## LED source into a classic Fresnel body

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The fixture's body is similar to the traditional Fresnel lights, ensuring a sturdy and robust construction for years of use in a professional environment. The full metal housing is made from a series of light weight aluminum extrusions that ensure proper ventilation and heat dissipation.

## Powerful & High CRI COB Technology

The Studio LED Fresnel features the newest power efficient COB technology with high index rating CRI 98 and TLCI 99 specially developed for photo-video applications where color rendering accuracy is mandatory, making it suitable for broadcast and film.

## Adjustable beam, light intensity and color temperature

The beam angle is adjustable from spot 60° to flood 90° using a mechanical focusing mechanism. The light output is dimmable from 100% to 0%, flicker free across the dimming range (tested at 3'000 fps), therefore suitable for slow motion shootings. The extended color temperature range can be adjusted from warm tungsten 2800K to cool daylight 6500K.

## 7 Pre-programmed lighting effects

The bi-color version of the Studio LED Fresnel 500W comes with 7 programmed lighting effects with adjustable parameters, as follows:

1. SOS - light is projected similar to SOS flashlight signals in Morse code (three short flashes, three long flashes, three short flashes)
2. Watch TV - simulates the light emitted by a TV screen
3. Lightning - simulates the lightning phenomenon in a thunderstorm
4. Photo - simulates the light from a camera during a photo session
5. Heart - pulsating effect of a warm light tone
6. Cycle - a transition between the color temperatures (from warm 2800K to cool 6500K tones)
7. Flash - simulates the light from a camera flash as seen on "paparazzi" style shots

These lighting effects presets enhance the user's creativity and production value, being the most accessible way to create impressive dynamic scenes from the touch of a button.

## Remote controlling via DMX512

Designed for studio installation the Cinelight LED Fresnel's are equipped with built-in DMX 512 controller, allowing for the brightness and color temperature to be remotely controlled from a DMX lighting console, making them perfect for TV studio installations, theaters, stages or conference rooms.

## Worldwide compatible AC powering

The Studio LED series are universal voltage capable AC 100V-240V and the IEC connector allows for fast change of power cable with local models.

## 8-leaf metal barndoors included

The Fresnel LED series comes with 8-leaf metal barndoors that cut and shape the beam spread. The small leaves offer a more precise control of the beam, creating a variety of shapes and concentrating the light where needed.

### Key features:

- adjustable beam angle spot 60° - flood 90°
- accurate color rendering CRI 98 / TLCI 99
- dimmable output from 100% to 0%
- adjustable color temperature 2800K-6500K
- flicker free at high speed shooting rates
- built-in DMX controller with XLR 3P connectors
- digital display for brightness and DMX address

### Package Content:

- 1 x Studio LED Fresnel 500W Bi-Color
- 1 x 8-leaf metal barndoors
- 1 x yoke bar with combo mount 5/8" & 1-1/4"
- 1 x power cable 5m with IEC and CEE 7/7 plug



## Technical Specifications:

## LED Spotlight - Fixture

Rated power	500 watts
LED type	Bi-Color
LED no	1
Beam angle	60°-90°
Beam type	spot-flood
Color temperature	2800K-6500K
CRI rating	98
TLCI rating	99
Dimming range	100%-0%
Cooling system	Active
Display type	Simple - Monochrome

## LED Spotlights - Controls

Spot-Flood selector type	Mechanical
Local functions control	Analog
DMX control	Yes
DMX connectors type	XLR-3P
WIFI control	No
Remote control	No

## LED Spotlight - Powering

Rated power	500 watts
Voltage input	100-240V 50 / 60 Hz
Power source	Internal, AC 100-240V 50 / 60 Hz
Battery mount	N/A
Plug in connector type	IEC - female
Power cord total length	5.0 m
Power connector type	CEE 7/7

## LED Spotlights - Physical

Lens type	Fresnel
Lens size	175 mm
Barndoors slot size	240 mm
Filter slot size	223 mm
Yoke mount	Combo: 16mm receiver & 28mm stud
Ballast type	Internal
Housing color	Black & gray
Housing material	Aluminum
Lamp head dimensions	37 x 41 x 32 cm
Lamp head weight	9.8 kg