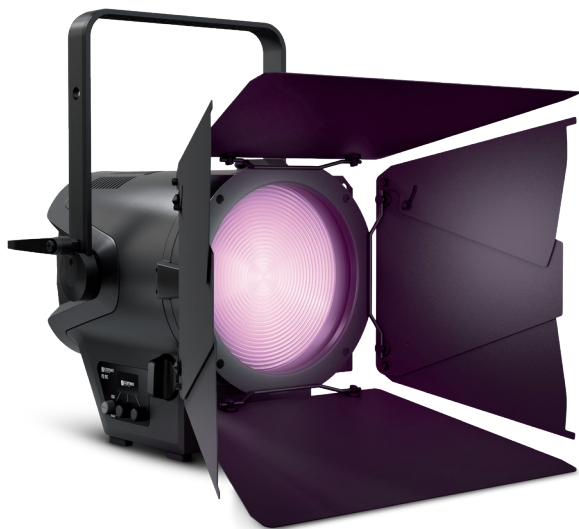


# F2 FC

PROFESSIONAL HIGH-POWER FRESNEL WITH RGBW LED



## FEATURES

- ▶ Full color Fresnel with special RGBW LED and a CRI of over 90
- ▶ Seamless color temperature adjustment from 1,600 K to 6,500 K
- ▶ Adjustable green-magenta correction
- ▶ Brilliant colors and precise white tone adjustment
- ▶ Continuous zoom for beam angles from 18° to 55°
- ▶ Four selectable 16-bit dimmer curves with adjustable response
- ▶ Highly efficient cooling thanks to a heatpipe and temperature-controlled fan
- ▶ Control via DMX and RDM
- ▶ Selectable pulse width modulation frequencies up to 25 kHz
- ▶ Flicker-free and noiseless operation, ideal for TV, film, photography studios and theatre
- ▶ Includes 8-way barndoor and gel filter frames

## DESCRIPTION

A complete palette of dynamic colors, and countless shades of white at maximum reproduction quality – the Cameo F2 FC is your perfect Fresnel spotlight for professional application in front of the camera and in theatres. Its white tones can be precision-adjusted in CCT mode from 1,600 K to 6,500 K at a constant CRI of over 90, and perfectly adjusted to skin tones, camera sensors and ambient light via additional green-magenta correction. RGBW color-blending in HSI mode facilitates rapid adjustment of color, intensity and saturation at the light desk using only three control circuits. Using additional color filters is in the past. The high-quality 200 mm lens creates a soft-edged beam of light, which can be manually and gradually adjusted in the 18° to 55° beam angle from spot to flood and all intermediate positions. At the same time, the integrated condenser lens provides evenly blended colors and color shadow-free light dispersion, even when using the barndoor.

The F2 FC is fully RDM-capable, and has a range of DMX control modes as well as four 16-bit dimmer curves with adjustable response. Even at its lowest setting, gradual dimming meets the highest theatre demands. Six selectable pulse width modulation frequencies of 800 Hz to 25 kHz ensure flicker-free operation, even for high-speed camera settings. A heat-pipe combined with a temperature-controlled fan provides highly-efficient cooling and virtually noiseless operation. For convenient configuration, the spotlight's robust die-cast aluminum housing is equipped with three rotary encoders and an OLED display. The Quicklight feature provides lighting technicians with immediate control of the spotlight, without the need to navigate through the menu. 5-pin DMX connections and Power Twist mains sockets facilitate unproblematic daisy chaining. Included are an 8-way barndoor, a filter frame and a mains cable with a Schuko plug.



Features and specifications  
subject to change without notice.

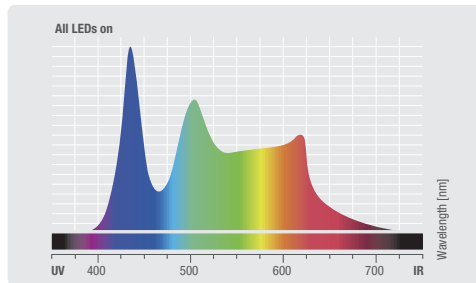
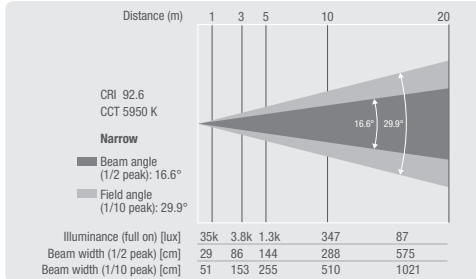
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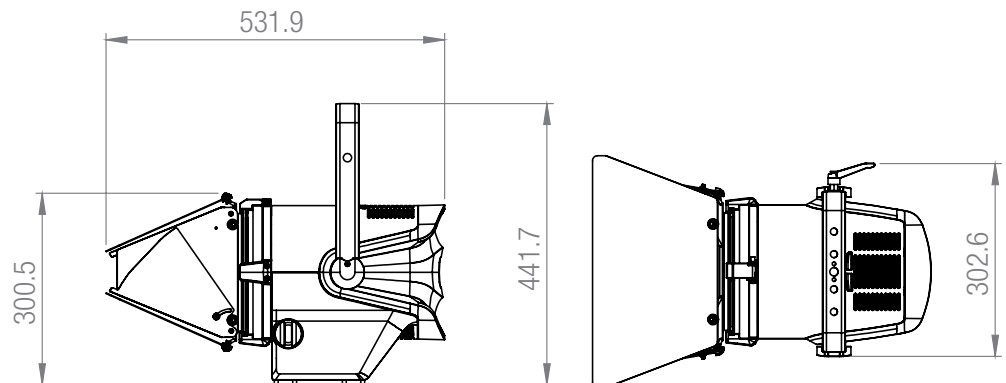
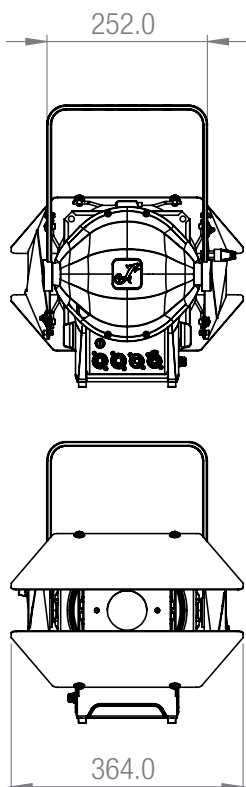
## PHOTOMETRICAL DATA



	Luminous flux	Chromaticity coordinates
All LEDs on	6857 lm	x 0.324 y 0.344
White	6822 lm	x 0.316 y 0.327
Blue	482 lm	x 0.164 y 0.041
Green	1939 lm	x 0.168 y 0.678
Red	1047 lm	x 0.685 y 0.302

## SPECIFICATIONS

Product type	LED Fresnel Spotlight
Type	Theater Fresnel
Color spectrum	RGBW
Number of LEDs	R: 18 PCS / G: 18 PCS / B: 16 PCS / W: 37 PCS
LED type	240 W (ca. 50,000 Operating Hours)
Frequency response	2000 Hz, 3600 Hz, 1200 Hz, 12000 Hz, 25000 Hz, 800 Hz
Dispersion	Field Angle: 30 ° - 87 - 87 °, Beam Angle: 17 - 53 °
Lens	200 mm Fresnel
DMX input	5-Pol
DMX output	5-Pol
DMX mode	10-channel CCT, 14-channel, 4-channel, 7-channel CCT, 7-channel HSI, 8-channel, 9-channel, 10-channel HSI, 3-channel CCT, 3-channel HSI
DMX Functions	CCT, Color macros, Device Settings, Dimmer, Dimmer Curve, Dimmer Fine, RGBW, RGBW Fine, strobe, Dim to Warm, Hue Saturation
Standalone modes	Loop, Master / Slave mode, Static
Controls	3 x Encoder Knobs, 4 x Buttons
Indicators	OLED Display
Operating voltage	100 V AC - 240 V AC, 50 - 60 Hz
Power consumption	250 W
power factor	0.95 / 230 V, 0.99 / 120 V
Power connector	TRUE1 compatible Power I/O sockets
Housing material	Die-cast aluminum
Cabinet color	Black
Protection class IP	20
Cooling	Comination of Heat Pipe and Temperature Controlled Fan
Luminous flux	6500 lm
Efficiency	27 lm/W
Ambient temperature (operating)	-15 - 45 °C
Dimensions including Mounting Bracket	Flap, Power cord, TV spigots 16 mm, 1 x omega mounting, IP65 Power Twist connector
Width	302 mm
Height	433 mm
Length	442 mm
Weight	9 kg
Accessories (included)	8-way barndoor, Power cord, gel frame



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