

MiniEclipseFresnel FC

LED Fresnel FC and Tunable White, to replace a 300 W lamp

ORDER CODE: **MINIECLFRFC**



MiniEclipseFresnel FC is an advanced LED replacement for the traditional 300 W Fresnel lamps. Offering 4 colour mixing, delivering high precision reproduction of the white spectrum from 2.800 K to 8.000 K with extensive colour reproduction. The optical system harnesses the power of a 68 W custom LED with 4 colours to create an even projection, beautiful colours and precise whites. Featuring HD dimming and tuning from 2.800 K to 8.000 K version, the **MiniEclipseFresnel FC** delivers the performance and quality of output demanded from this level of light.

MAIN FEATURES

- Tunable white 2.800 K - 8.000 K with extensive colour reproduction
- RGB + lime full colour mixing to achieve any colour palette
- Silent operation for studio and stage use

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Light source: 68 W RGB + lime LEDs custom LED engine
- Source: 68 W RGB + lime LEDs
- CCT: 2.800 K - 8.000 K
- CRI: up to 82 Ra
- R9: up to 91
- Luminous flux: (15°) 151 lm - (75°) 732 lm
- Lux: (15°) 76 lx - (75°) 50 lx @3 m full
- Lux: (15°) 27 lx - (75°) 18 lx @5 m full
- Source life expectancy: > 50.000 h

OPTICS

- Zoom: 15° - 75° manual
- Lens diameter: 3,93" - 100 mm
- Lens type: Fresnel zoom lens
- Additional optics: 20° filter on board
- Other: spigot not included; gel frame and barndoors included

COLOUR SYSTEM

- Colour mixing: RGBL
- CTC: CTC control through dedicated DMX channel and amber shift activation by DMX
- White presets: 2.800 K - 8.000 K
- Colour wheel: virtual colour wheel with presets
- Macros: several pre-build macros with adjustable speed

DYNAMIC EFFECTS

- Static colour mode: selection of static colour
- Manual colour mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment
- Special features: linear crossfade from a white to any color and CTO applied on colors

BODY

- Body: sturdy die-cast aluminium body conceived for long-time durability
- Body colour: black

CONTROL

- Protocols: DMX512, RDM, local knob
- DMX channels: 1 / 2 / 3 / 4-1 / 4-2 / 5 / 9 / 6 / 7 / 9-1 / 9-2 / 12 / 14 / 17 channel
- RDM: RDM ready for fixture remote monitor and settings
- Display: black OLED high resolution display
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- Master/Slave: for synchronized operation of more units linked in a chain
- Other: 16bit control of dimmer and colour

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 different dimming curves available
- Strobe / shutter: 1 - 30 Hz, electronic
- Operating temperature: -10° ~ +40°
- Flicker: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Power supply: input: 100-240 V AC, (50-60 HZ) - output: DC 48 V 1 A 100-240 V - 50/60 Hz
- Power consumption (at 230 V): 25,1 W
- Power consumption (at 120 V): 25,9 W
- Power factor: pF 0,58 @120 V - pF 0,55 @230 V

PHYSICAL

- Cooling: passive cooling and fan-free
- Suspension and fixing: hanging bracket suitable for safe hanging and positioning
- Signal connection: DMX 5p IN/OUT
- Power connection: 16 A Shuko plug
- IP rating: 20
- Dimensions (WxHxD): 191x281x203 mm
- Weight: 2,52 kg

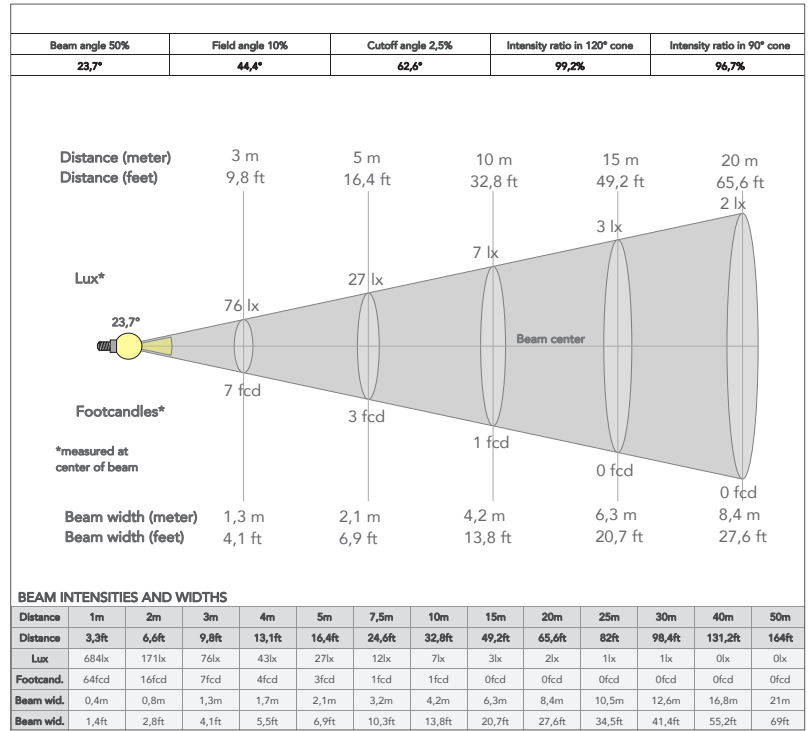
ACCESSORIES & RELATED PRODUCTS

- MINIECLFRBD: Black barn door with 4 directional flaps to adjust the light beam (included)
- MINIECLFRTPG: Filter frame for MINIECLFR series (included)

- ECLFRSPG: Spigot for PROLIGHTS Fresnel series
- UPBOX1U: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT, USB OUT

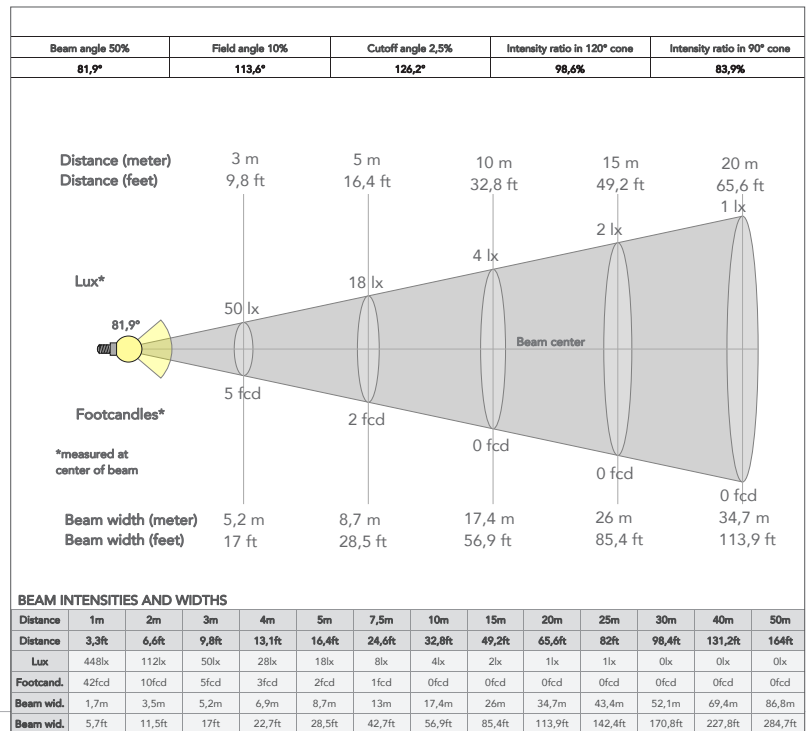
COLOUR PRESET FULL ON

Beam angle 15°

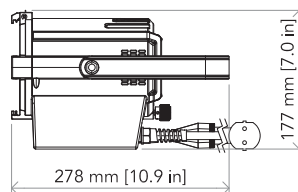
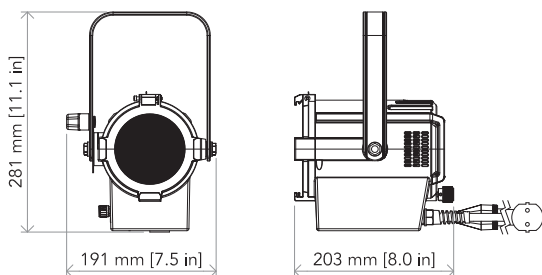


COLOUR PRESET FULL ON

Beam angle 75°



TECHICAL DRAWINGS



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