

# MiniEclFresnel

LED fresnel with HB white source, to replace 300 W lamp



**MiniEclFresnel** is the LED replacement for a standard tungsten 300 W Fresnel. Featuring all the output characteristics of a traditional Fresnel, but with the added benefits of beam control, functional barn doors and a power source that focuses on outstanding colour rendition. The **MiniEclFresnel** adds all the advantages of the LED to the traditional Fresnel.

## MAIN FEATURES

- TU (3.200 K) and DY (5.600 K) versions available both with HD dimming
- Fresnel lens with 15° to 55° manual zoom range
- Truly silent operation making it perfect for studio and stage use

## VERSIONS

| Code               | CT      | CRI     |
|--------------------|---------|---------|
| <b>MiniEclFRDY</b> | 5.000 K | 82 Ra   |
| <b>MiniEclFRTU</b> | 3.050 K | 92,2 Ra |

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 38 W LEDs
- CCT: (TU) 3.050 K - (DY) 5.000 K
- CRI: (TU) up to 93 Ra - (DY) up to 82 Ra
- Luminous flux: TU (15°) 856 lm (55°) 2'183 lm - DY (15°) 1'168 lm (55°) 2'851 lm
- Lux: (TU) (15°) 655 lx - (55°) 238 lx - (DY) (15°) 892 lx - (55°) 313 lx @3 m
- Lux: (TU) (15°) 236 lx - (55°) 86 lx - (DY) (15°) 321 lx - (55°) 113 lx @5 m
- Source life expectancy: > 50.000 h

### OPTICS

- Zoom: 15° - 55° manual
- Lens diameter: 3,93" - 100 mm
- Lens type: Fresnel zoom lens
- Other: spigot not included; gel frame and barndoors included

### COLOUR SYSTEM

- Macros: several pre-build macros with adjustable speed

### DYNAMIC EFFECTS

- Static colour mode: selection of static dimmer
- Manual colour mode: manual adjust of dimmer through menu and knob
- Auto mode: built-in programs with execution speed adjustment

### BODY

- Body: aluminium die-casting
- Body colour: black

### CONTROL

- Protocols: DMX512, RDM, local knob
- DMX channels: 1 / 2-1 / 2-2 / 3 / 5 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

### ELECTRONICS

- Dimmer: linear 0 ~ 100%, manual knob dimmer
- Dimmer curves: 4 different dimming curves available
- Strobe / shutter: 1 - 28 Hz, electronic
- Operating temperature: -10° ~ +45°
- Flicker: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 25.000 Hz

### ELECTRICAL

- Power supply: 100-240 V – 50/60 Hz
- Power consumption (at 230 V): 33,2 W
- Power consumption (at 120 V): 31,8 W

### PHYSICAL

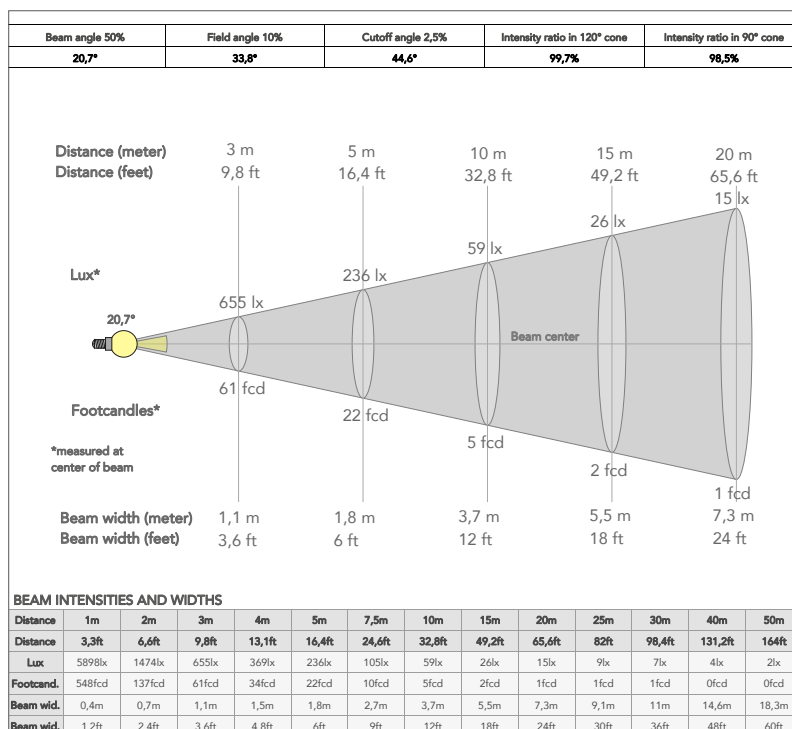
- Cooling: passive cooling and fan-free
- Suspension and fixing: hanging bracket suitable for safe hanging and positioning
- Signal connection: DMX 5p IN/OUT
- Power connection: 16 A Shuko plug
- IP rating: 20
- Dimensions (WxHxD): 191x281x203mm
- Weight: 2,38 kg

## 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

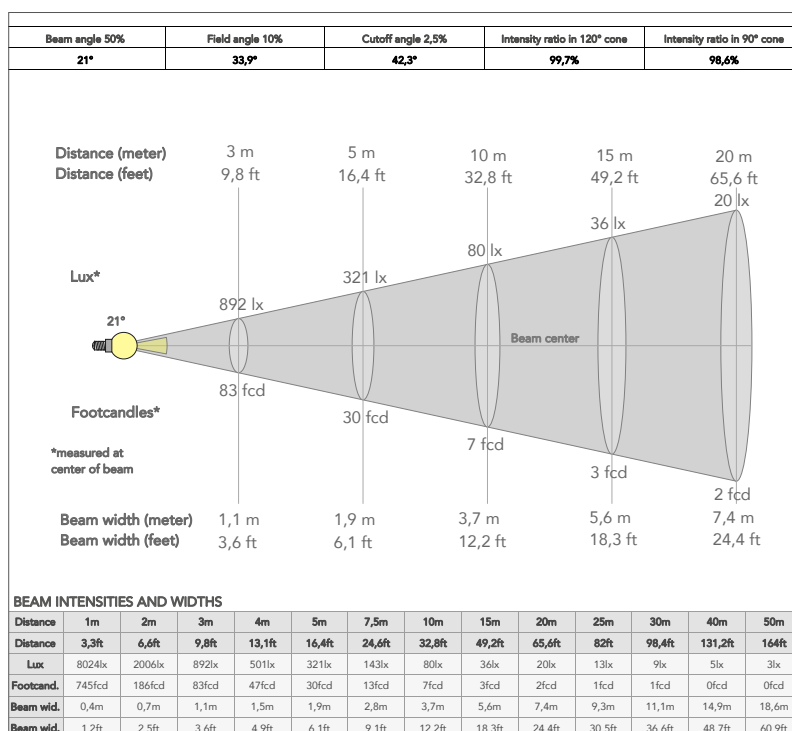
## COLOUR PRESET FULL ON

Beam angle TU 15°

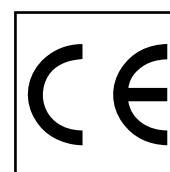
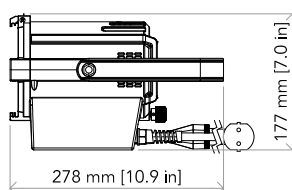
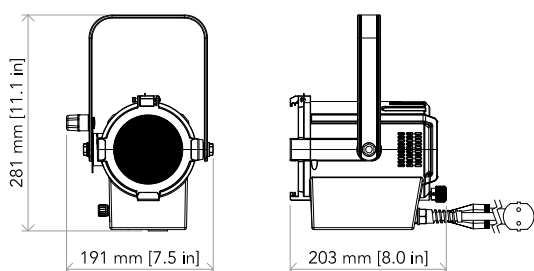


## COLOUR PRESET FULL ON

Beam angle DY 15°



## TECHICAL DRAWINGS



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