

EclMiniFresnel

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



EclMiniFresnel is the LED replacement for a standard tungsten 300W 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 **EclMiniFresnel** adds all the advantages of the LED to the traditional Fresnel.

MAIN FEATURES

- TU (3.050 K) and DY (5.000 K) versions available both with HD dimming
- Fresnel lens with 20° to 64° manual zoom range
- Truly silent operation making it perfect for studio and stage use

VERSIONS

Code	CCT	CRI	Lumen
MINIECLFRTU	3.050 K	92 Ra	2'183 lm
MINIECLFRDY	5.000 K	81 Ra	2'851 lm

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 40W LEDs
- CCT: (TU) 3.050 K - (DY) 5.000K
- Luminous flux: (TU) (20°) 856 lm; (64°) 2'183lm @full
- Luminous flux: (DY) (20°) 1'168 lm (64°) 2'851 lm @full
- Lux: (TU) (20°) 236 lx - (64°) 86lx @5 m full
- Lux: (DY) (20°) 321 lx - (64°) 113lx @5 m full
- CRI: (TU) >92 - (DY) >81
- TLCI: (TU) >93; (DY) >67
- TM30 Rf: (TU) >90; (DY) >80
- TM30 Rg: (TU) >99; (DY) >95
- Source life expectancy: > 50.000 h

OPTICS

- Zoom: 20° - 64° half peak angle
- Lens diameter: 3,93" - 100mm
- Lens type: Fresnel zoom lens
- Other: spigot not included; gel frame and barndoors included

COLOUR SYSTEM

- Macros: several pre-built macros with adjustable speed

DYNAMIC EFFECTS

- Static mode: selection of static dimmer
- Manual 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, rotary knob
- DMX channels: 1 / 2-1 / 2-2 / 3 / 5channel
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- Master/Slave: for synchronised operation of more units linked in a chain
- Other: 16bit control of dimmer

ELECTRONICS

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

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 35W
- Power factor: >0,55

PHYSICAL

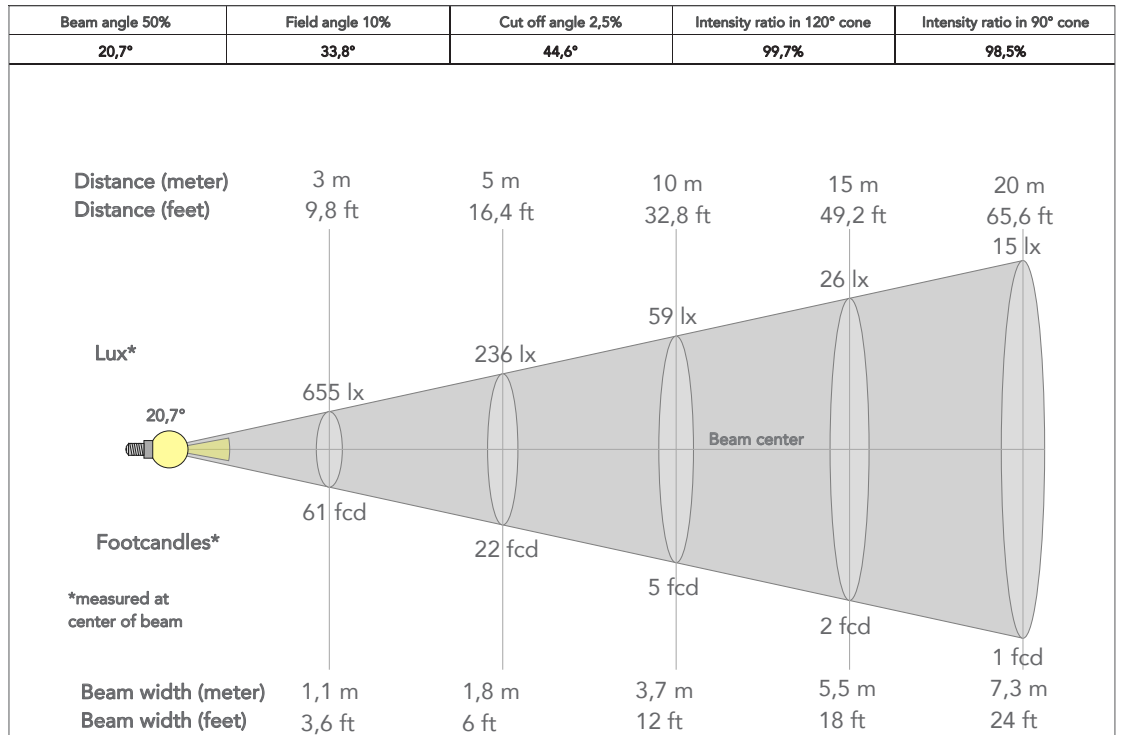
- IP rating: 20
- Cooling: passive cooling and fan-free
- Suspension and fixing: bracket for hanging and positioning
- Signal connection: DMX 5p IN/OUT
- Power connection: 16 A Schuko plug
- Dimensions (WxHxD): 191x281x203mm
- Weight: 2,38kg

ACCESSORIES & RELATED PRODUCTS

▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black	▪ MINIECLFRTPG	Filter frame for MINIECLFR series
▪ C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ ECLFRSPG	Spigot for PROLIGHTS Fresnel series	▪ TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
▪ MINIECLFRBD	Black barn door 4 directional flaps to adjust the light beam	▪ UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

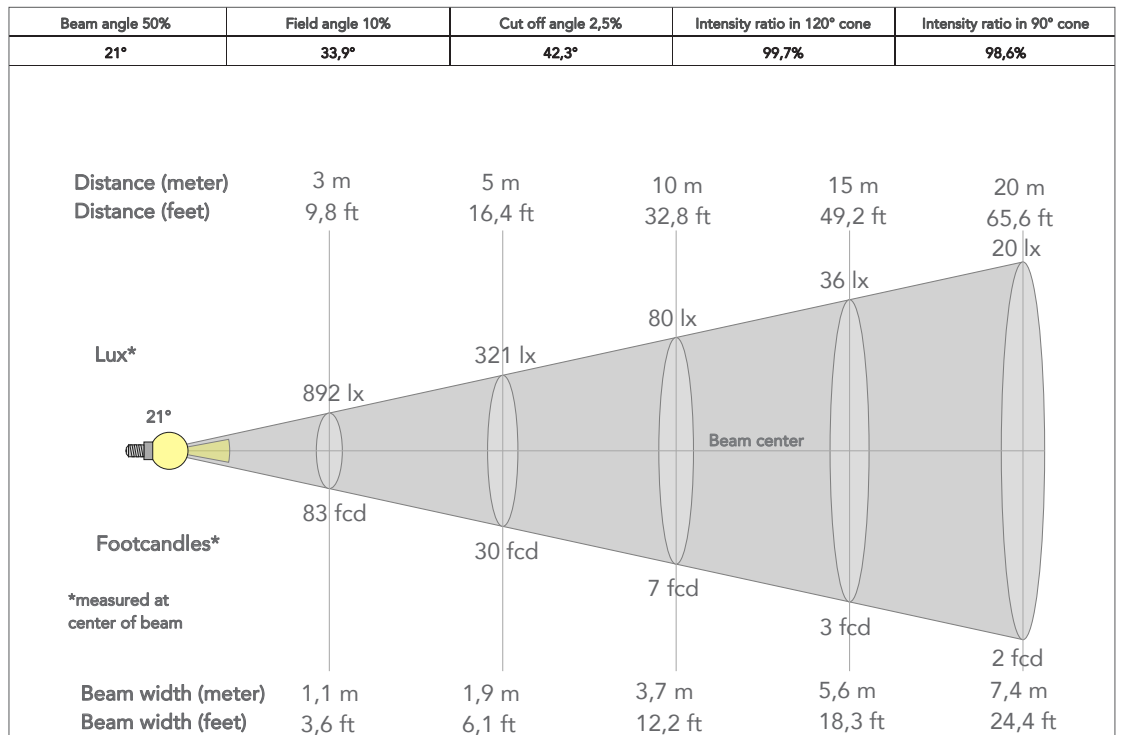
PRESET FULL ON (TU)

Beam angle 50%: 20°

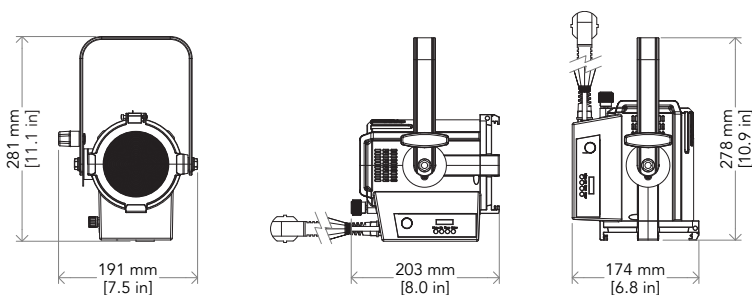


PRESET FULL ON (DY)

Beam angle 50%: 20°



TECHNICAL DRAWINGS



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