

# EclProfile FS

High power RGBL full spectrum ellipsoidal LED

ORDER CODE: **ECLFS**



**EclProfile FS** is a full colour ellipsoidal LED, designed to deliver a full range of pastels, saturates and whites, both with or without gobos. The **EclProfile FS** RGB + Lime LED engine has been specially engineered to provide a full spectrum and full output in the most discerning environments, regardless of which role the **EclProfile FS** is playing.

## MAIN FEATURES

- RGB + Lime ellipsoidal LED with HD dimming and extensive colour palette
- High definition optics for sharp focus and gobo projection
- Accepts industry standard accessories

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 91x3W RGB + lime LEDs
- CCT: @full 5.000 K
- Luminous flux: (5°) TBD; (10°) TBD; (14°) 4'619 lm; (19°) 5'133 lm; (26°) 6'100 lm; (36°) 5'970 lm; (50°) 5'596 lm; (70°) TBD lm @full
- Lux: (5°) TBD; (10°) TBD; (14°) 4'321 lx; (19°) 2'567 lx; (26°) 1'711 lx; (36°) 873 lx; (50°) 462 lx; (70°) TBD lx @5 m full
- CRI: 86 @3.200 K; 85 @5.600 K
- TLCI: 82 @5.600 K
- TM30 Rf: 84 @3.200 K
- TM30 Rg: 109 @3.200 K
- Source life expectancy: > 50.000 h

### OPTICS

- Lens type: high-quality glass lens optics
- Additional optics: optional 5° / 10° / 14° / 19° / 26° / 36° / 50° / 70° / zoom 15°-30° / zoom 25°-50
- Focus: manual

### COLOUR SYSTEM

- Colour mixing: RGB + lime / full colour
- CCT: CCT control through dedicated DMX channel
- White presets: 2.700 K ~ 10.000 K
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-build pixel macros with adjustable speed

### DYNAMIC EFFECTS

- Gobo size: B, outer: 86 mm - image: 64,5 mm - thickness: 1,1 mm
- Static mode: selection of static colour
- Manual mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment
- Special features: different presets for fan mode and output management

### BODY

- Body: sturdy die-cast aluminium body
- Body colour: black

### CONTROL

- Protocols: DMX512, RDM
- DMX channels: 1 / 2 / 3RGB / 4RGBL / 5RGBL / 3 / 4 / 5 / 8 / 13 ch - Tungsten / 3.200 K / 5.400 K / 6.500 K channel
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX2) not included
- Master/Slave: for synchronised operation of more units linked in a chain

### ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Strobe / shutter: 1 - 25 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -20° ~ +45°
- LED Control: flicker free operation
- Selectable PWM: 600 ~ 25.000 Hz

### ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 200W
- Output (at 230V): 10 units on a single power line
- Power factor: > 0,95

### PHYSICAL

- Cooling: low noise fan
- Suspension and fixing: bracket for hanging and positioning
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- IP rating: 20
- Dimensions (WxHxD): 265x259x540 mm
- Weight: 7,3 kg

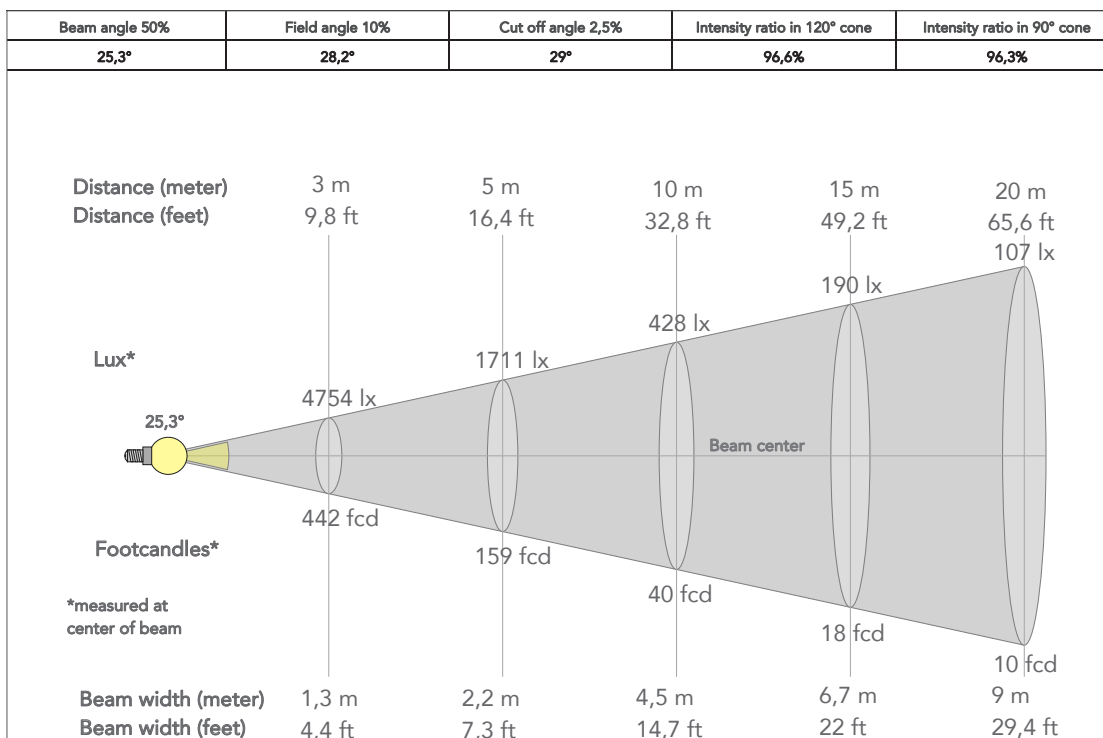
## ACCESSORIES & RELATED PRODUCTS

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|-----------------------------------|--|
| ▪ FCLECLPR                        | Flightcase to contain 8 pcs ECLFS or ECLCTPLUS with lenses 19°,26°,36°,50°             |
| ▪ FCLECLPRLZ                      | Flightcase to contain 8 ECLPRLZ zoom lenses  |
| ▪ ECLPRSMOOTHF1                   | Smooth/homogenizer filter with aluminium frame and magnets for Ecl Profile fixtu       |
| ▪ ECLPRPOYO                       | Pole operated yoke for ECLCTPLUS and ECLFS   |
| ▪ ECLLB05/10BK                    | 5°/10° lens barrel for Ecl Profile fixtures, filterframe included, black housing       |
| ▪ ECLPRL05/10/14/19/26/36/50/70BK | 5°/10°/14°/19°/26°/36°/50°/70° PRL lens barrel for Ecl Profile fixtures, black housing |

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|----------------------|--|
| ▪ ECLPRLZ1530/2550BK | Zoom 15°-30°/25°-50° PRL lens barrel for Ecl Profile fixtures, black housing     |
| ▪ ECLPRTPG           | Gel filter frame for ECL Profile PRL lens barrel, comp. with 19°,26°,36° and 50° |
| ▪ ECLPRGH            | Gobo holder for ECL Profile fixtures   |
| ▪ ECLPRIRIS          | Iris accessory for ECL Profile fixtures  |
| ▪ ECLPRSEF1          | Soft edge filter and holder kit for ECL Profile fixtures                         |
| ▪ C6040B             | Heavy-load aluminum clamp, 500kg loa, 48-51mm tubes, M10 bolt inc., Black        |
| ▪ UPBOX2P5           | Firmware uploader kit, USB IN, 5-pin XLR DMX OUT                                 |

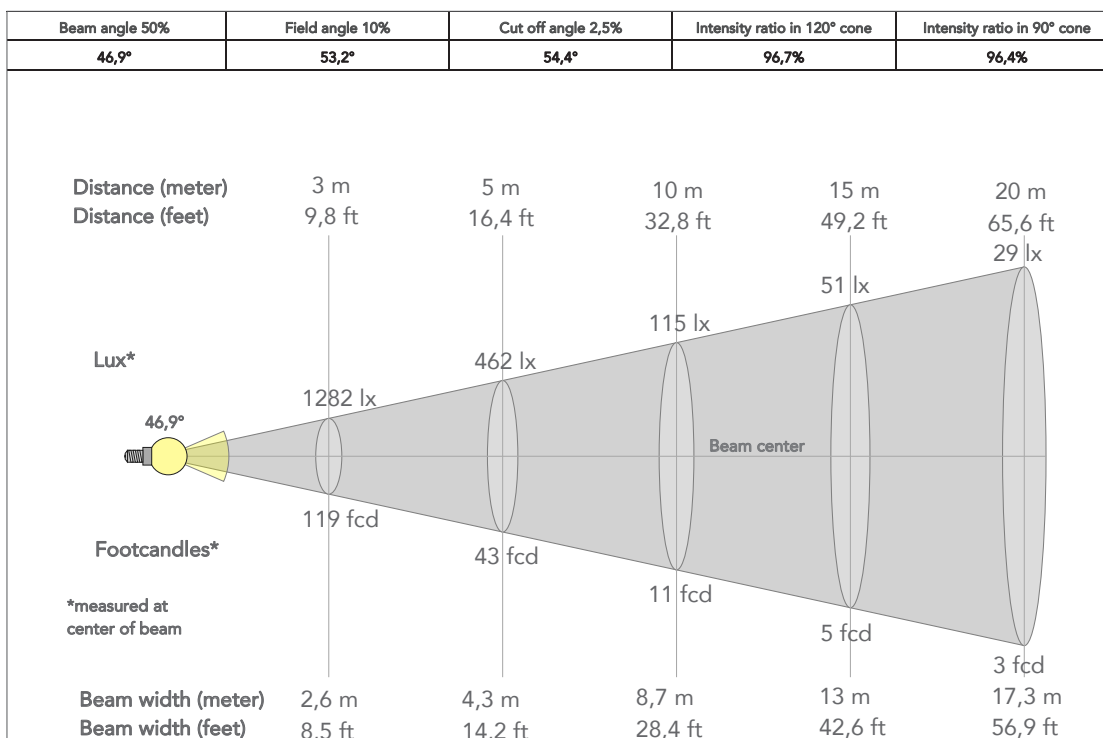
## PRESET FULL ON

Beam angle 50%: 26°

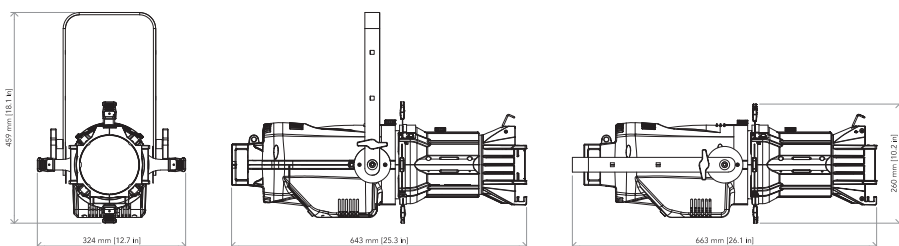


## PRESET FULL ON

Beam angle 50%: 50°



## TECHICAL DRAWINGS



For more product  
info and downloads  
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