

# EclProfile FS

High power RGBL full spectrum ellipsoidal LED



**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

## VERSIONS

Code	Housing
ECLFSBK	Black
ECLFSWH	White

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 91x3 W RGB + lime LEDs
- CCT: @full 5.000
- 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 @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-built 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 (UPBOXPRO/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: 200 W
- Standby power: 5 W
- Output (at 230V): 10 units on a single power line
- Power factor: > 0,95
- Inrush current: <30A @115VAC / <50A @230VAC

### PHYSICAL

- IP rating: 20
- 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
- Dimensions (WxHxD): 265x259x540 mm
- Weight: 7,3 kg

### CERTIFICATIONS / APPROVALS

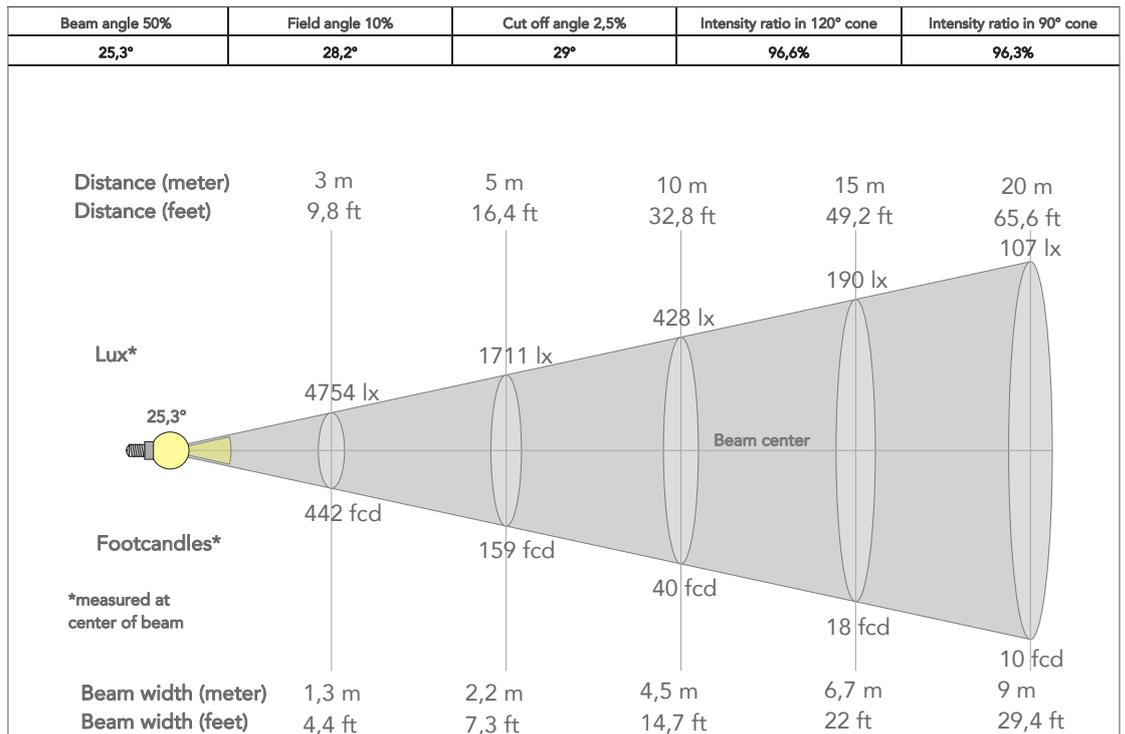
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

## ACCESSORIES & RELATED PRODUCTS

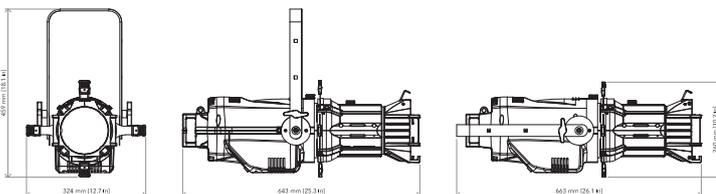
▪ 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m	▪ ECLPRL05/10/14 19/26/36/50/70BK	5° PRL lens barrel for EclProfile fixtures, black housing
▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m	▪ ECLPRL1530/2550BK	Zoom 15°-30°/25°/50° PRL lens barrel for EclProfile fixtures, black housing
▪ 958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m	▪ ECLPRPOYO	Pole operated yoke for ECL Profile fixtures
▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black	▪ ECLPRSEF1	Soft edge filter and holder kit for ECL Profile fixtures
▪ C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black	▪ ECLPRSMOOTHF1	Smooth/homogenizer filter with aluminium frame and magnets for Ecl Profile fixtu
▪ ECLLB05/10BK	5°/10° lens barrel for Ecl Profile fixtures, filterframe included, black housing	▪ ECLPRTPG	Gel filter frame for ECL Profile PRL lens barrel, comp. with 19°,26°,36° and 50°
▪ ECLL1530/2550	Optics for ECLFC/HD profiler, TPG incl., zoom 15°-30°/25°-50°	▪ FCLECLPR	Flightcase to contain 8 pcs ECLFS or ECLCTPLUS with lenses 19°,26°,36°,50°
▪ ECLL2550	Optics for ECLFC/HD profiler, TPG incl., zoom 25°-50°	▪ FCLECLPRLZ	Flightcase to contain 8 ECLPRLZ zoom lenses
▪ ECLLZLLKA	Hexagonal head screw, to adapt and mount ECLLZ lenses on ECLCTPLUS and ECLFS	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ ECLPRGH	Gobo holder for ECL Profile fixtures	▪ TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
▪ ECLPRIRIS	Iris accessory for ECL Profile fixtures	▪ UPBOX2P5	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT

## PRESET FULL ON

Beam angle 50%: 26°



## TECHICAL DRAWINGS



## CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573  
Certified to CSA STD: C22.2 NO. 166

Visit our website  
for specifications and  
tech documentations

