

Eclipse FS

High power RGBL full spectrum ellipsoidal LED

ORDER CODE: **ECLIPSEFS**



Eclipse FS is a full colour ellipsoidal LED, designed to deliver a full range of pastels, saturates and whites, both with or without gobos. The **Eclipse 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 **Eclipse 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: 91x3 W RGB + lime LEDs
- CT: @full - 5.000 K
- CRI: @full in STUDIO mode - 82 / @full in HB mode - 70
- Luminous flux: (26°) 6'262 lm at STUDIO mode - 6'524 lm at HB mode
- Lux: (14°) 8'090 lx - (19°) 7'020 lx - (26°) 4'960 lx - (36°) 2'610 lx - (50°) 1'190 lx @3 m full
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: optional 14° / 19° / 26° / 36° / 50°
- Lens type: high-quality glass lens optics
- Focus: manual

COLOUR SYSTEM

- Colour mixing: RGB + lime / full colour
- CTC: CTC control through independent DMX channel, + / - green and magenta correction and amber shift activation by DMX
- White presets: 2.700 K ~ 10.000 K
- Colour wheel: virtual colour wheel with presets
- Macros: several pre-build pixel macros with adjustable speed

DYNAMIC EFFECTS

- Shutter system: 3 layers blades system and fast rehabilitation of blade in case of out of frame blade
- Gobo size: B, outer: 86 mm - image: 64,5 mm - thickness: 1,1 mm
- 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: HB mode, STUDIO mode, SILENT mode and linear crossfade from a white to any color and CTO applied on colours

BODY

- Body: sturdy die-cast aluminium body conceived for long-time durability
- 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 / Theatre channel
- RDM: RDM ready for fixture remote monitor and settings
- Display: black OLED high resolution display
- Firmware upgrade: yes, via USB - DMX interface (UPBOX2) not included
- Master/Slave: for synchronized operation of more units linked in a chain

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Strobe / shutter: 1 - 25 Hz, electronic
- Battery backup: battery backup for user operation without connecting to the main power
- Operating temperature: -10° ~ +45°
- Flicker: flicker free operation
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Power supply: 100-240 V – 50/60 Hz
- Power consumption (at 230 V): 260 W
- Power consumption (at 120 V): 260 W
- Output (at 230 V): 9 units on a single power line
- Output (at 120 V): 4 units on a single power line

PHYSICAL

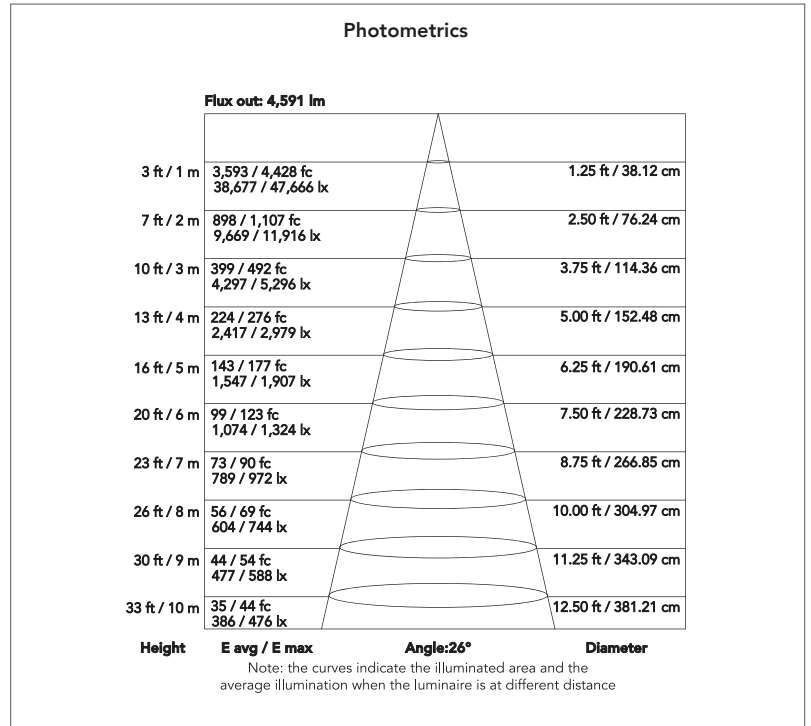
- Cooling: low noise fan
- Suspension and fixing: hanging bracket suitable for safe hanging and positioning
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- IP rating: 20
- Dimensions (WxHxD): 265x259x540 mm
- Weight: 10 kg

ACCESSORIES & RELATED PRODUCTS

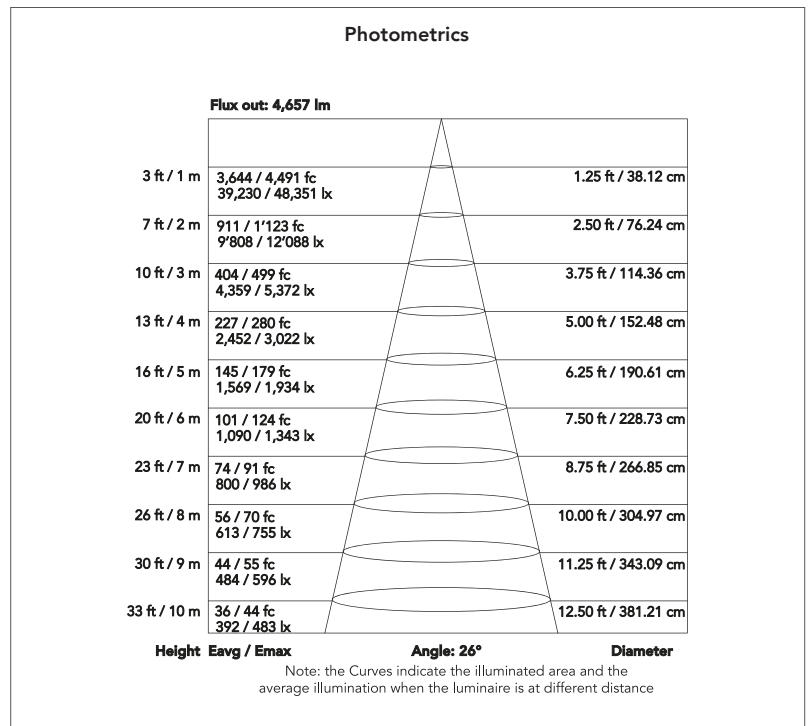
- FCLECLIPSEPR: Flight case for 8 pcs of ECLIPSEFS and ECLIPSECTPLUS profiler.
- ECLIPSEPRL05BK: Optic for ECLIPSEFS and ECLIPSECTPLUS profiler, 5°, black
- ECLIPSEPRL10BK: Optic for ECLIPSEFS and ECLIPSECTPLUS profiler, 10°, black
- ECLIPSEPRL14BK: Optic for ECLIPSEFS and ECLIPSECTPLUS profiler, 14°, black
- ECLIPSEPRL19BK: Optic for ECLIPSEFS and ECLIPSECTPLUS profiler, 19°, black
- ECLIPSEPRL26BK: Optic for ECLIPSEFS and ECLIPSECTPLUS profiler, 26°, black
- ECLIPSEPRL36BK: Optic for ECLIPSEFS and ECLIPSECTPLUS profiler, 36°, black
- ECLIPSEPRL50BK: Optic for ECLIPSEFS and ECLIPSECTPLUS profiler, 50°, black

- ECLIPSEPRL70BK: Optic for ECLIPSEFS and ECLIPSECTPLUS profiler, 70°, black
- ECLIPSEPRLZ1530BK: Zoom optic for ECLIPSEFS and ECLIPSECTPLUS, 15° - 30°, black
- ECLIPSEPRLZ2550BK: Zoom optic for ECLIPSEFS and ECLIPSECTPLUS, 25° - 50°, black
- ECLIPSEPRTPG: Gel filter frame for ECLIPSEFS and ECLIPSECTPLUS profiler.
- ECLIPSEPRGH: Gobo holder for ECLIPSEFS and ECLIPSECTPLUS.
- ECLIPSEPRIRIS: Steel iris diaphragm for ECLIPSEFS and ECLIPSECTPLUS profiler.
- ECLIPSEPRSEF1: Soft edge filter and holder kit for ECLIPSEFS and ECLIPSECTPLUS profiler.
- UPBOX2P5: Firmware uploader kit, USB IN, 5-pin XLR DMX OUT.

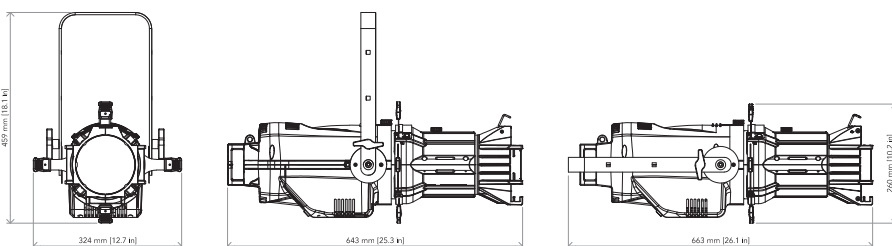
COLOUR PRESET FULL ON
Beam angle STUDIO MODE 26°



COLOUR PRESET FULL ON
Beam angle HB MODE 26°



TECHICAL DRAWINGS



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