

Eclipse FC

91x3 W RGB + lime high power full colour LED ellipsoidal



Eclipse FC is a full colour LED Ellipsoidal designed to deliver a full range of pastels, whites or saturates smoothly, consistently and both with or without gobos.

The **Eclipse FC**'s 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 FC** is playing.

MAIN FEATURES

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

VERSIONS

Code	Housing
ECLIPSEFCBK	Black
ECLIPSEFCWH	White

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 91x3 W RGB + lime LEDs
- Luminous flux: (5°) 3'538 lm - (10°) 4'088 lm - (14°) 4'618 lm - (19°) 3'921 lm - (26°) 4'918 lm - (36°) 4'918 lm - (50°) 4'557 lm
- Lux: (5°) 36'042 lx - (10°) 17'857 lx - (14°) 9'201 lx - (19°) 5'850 lx - (26°) 3'769 lx - (36°) 2'280 lx, (50°) 1'050 lx @3 m full
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: optional 5° / 10° / 14° / 19° / 26° / 36° / 50° / Z15 - 30° / Z25 - 50°

- Lens type: high-quality glass lens optics

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
- Macros: built-in white presets

DYNAMIC EFFECTS

- 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
- Special features: automatic software colour balance when fixture warms up - 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, white finishing available

CONTROL

- Protocols: DMX512, RDM
- DMX channels: Theater 1 / 3 / 5 / 17 channel - Tour 4 / 8 / 11 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

ACCESSORIES & RELATED PRODUCTS

- FCLECLIPSE: Flight case for 8 pcs of ECLIPSEFC or ECLIPSEHD series
- ECLIPSELZ1530: Optics for ECLIPSEFC/HD profiler, TPG incl., zoom 15°-30°
- ECLIPSELZ2550: Optics for ECLIPSEFC/HD profiler, TPG incl., zoom 25°-50°
- ECLIPSELB14: Optic for ECLIPSEFC/HD/HDTWC profiler, gel frame included, 14° beam, black (BK)
- ECLIPSELB19: Optic for ECLIPSEFC/HD/HDTWC profiler, gel frame included, 19° beam, white (WH) or black (BK)
- ECLIPSELB26: Optic for ECLIPSEFC/HD/HDTWC profiler, gel frame included, 26° beam, white (WH) or black (BK)

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 different dimming curves available
- Strobe / shutter: 1 - 30 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): 216 W
- Output (at 230 V): 6 units on a single power line

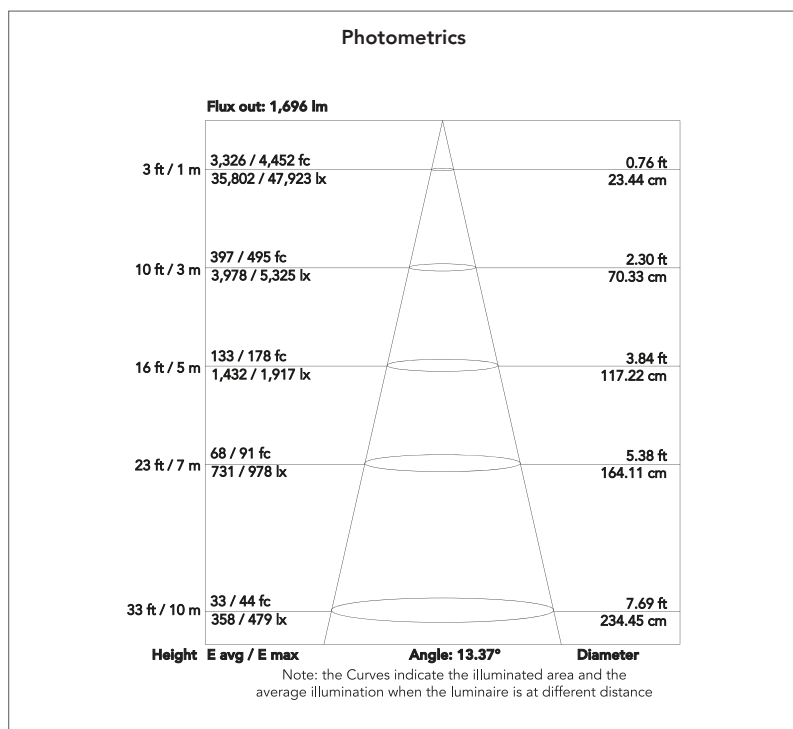
PHYSICAL

- Cooling: combination of heat pipe cooling system and 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 IN/OUT connectors
- IP rating: 20
- Dimensions (WxHxD): 342x506x530 mm
- Weight: 9 kg

- ECLIPSELB36: Optic for ECLIPSEFC/HD/HDTWC profiler, gel frame included, 36° beam, white (WH) or black (BK)
- ECLIPSELB50: Optic for ECLIPSEFC/HD/HDTWC profiler, gel frame included, 50° beam, white (WH) or black (BK)
- ECLIPSEGH: Gobo holder for ECLIPSE, ECLIPSEFC, ECLIPSEHD profiler
- ECLIPSEIRIS2: Steel iris diaphragm for ECLIPSEFC, ECLIPSEHD profiler
- ECLPROFILESEF1: Soft edge filter and holder kit for ECLIPSE profile projectors series.
- UPBOX1U: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT

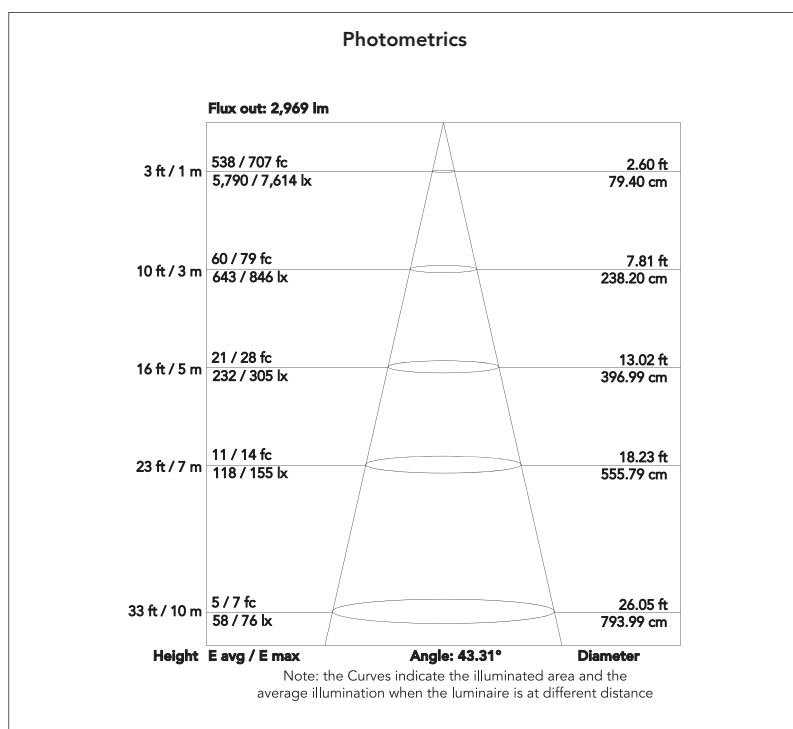
COLOUR PRESET FULL ON

Beam angle 19°

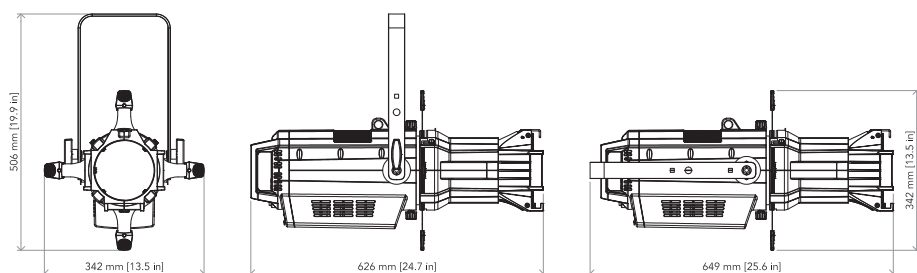


COLOUR PRESET FULL ON

Beam angle 50°



TECHICAL DRAWINGS



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