Eclipse HDTWC

91x3,5 W Tunable White and colour LED profile with 6 colour LED source





Eclipse HDTWC is an advanced LED ellipsoidal featuring 6 colour mixing to deliver high precision reproduction of the white spectrum from 2.800 K to 10.000 K with high CRI and an extensive colour reproduction.

The optical system harnesses the power of a 91x3,5 W custom LED with 6 colours to create an even beam with clean shutter cuts and beautiful sharp or soft edge gobo focusing.

Featuring HD dimming and tuning from 2.800 K to 10.000 K version, the Eclipse HDTWC delivers the performance and quality of output demanded from this level of light.

MAIN FEATURES

- Tunable White 2.800 K 10.000 K with high CRI and extensive colour mixing
- +/- green and magenta white tuning
- Advanced focusing

VERSIONS

Code Housing **ECLIPSEHDTWCBK** Black **ECLIPSEHDTWCWH** White

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 91x3,5 W 6 colour custom LEDs source (red, orange, green, royal blue, blue, lime)
- CCT: 2.800 K 10.000 K
- CRI: > 90
- R9: (2.800 K) 91,9 (4.000 K) 95,3 (5.600 K) 92,8
- Luminous flux: (19°) 6'044 lm, (26°) 5'625 lm, (36°) 6'279 lm, (50°) 5'687 Im @Full
- Lux: (19°) 9'220 lx (26°) 4'750 lx (36°) 2.980 lux (50°) 1'210 lx @3 m full
- Source life expectancy: > 50.000 h
- Other: TLCI: 86

- Beam angle: optional 19° / 26° / 36° / 50° / Z15-30° / Z25-50°
- Lens type: high-quality glass lens optics
- Focus: manual

COLOUR SYSTEM

- Colour mixing: RGBL,orange,royal blue
- CTC: CTC control through independent DMX channel, + / green and magenta correction and amber shift activation by DMX
- White presets: 2.800 K 10.000K
- · Colour wheel: virtual colour wheel with 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 dimmer and strobe
- Auto mode: built-in programs with execution speed adjustment
- Special features: 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: 2 / 5 CH1 / 5 CH2 / 7 / 9 / 12 / 13 / 16 / 19 / 21 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
- Other: 16 bit control of dimmer and colour

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 different dimming curves available
- Strobe / shutter: 1 30 Hz, electronic
- 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): 252 W
- Power consumption (at 120 V): 257 W
- Output (at 230 V): 14 units on a single power line
- Output (at 120 V): 7 units on a single power line
- Power factor: pF 0,99 @120 V pF 0,92 @230 V

- Cooling: combination of heat pipe cooling system and low noise fan
- Sospension and fixing: hanging bracket suitable for safe hanging and
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: Neutrik powerCON IN/OUT connectors
- IP rating: 20
- Dimensions (WxHxD): 262x551x595 mm
- Weight: 7,8 kg

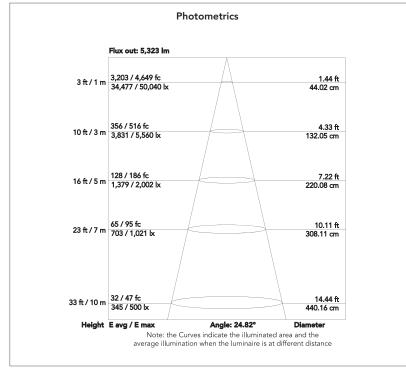
ACCESSORIES & RELATED PRODUCTS

- 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)
- 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



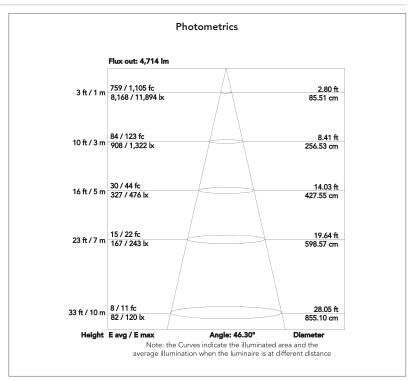
COLOUR PRESET FULL ON

Beam angle 26°

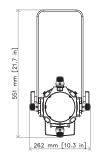


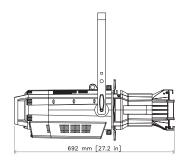
COLOUR PRESET FULL ON

Beam angle 50°



TECHICAL DRAWINGS









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