

Eclipse PanelTWC

740 W Tunable White and colourful LED soft panel

ORDER CODE: **ECLPANELTWC**



The **Eclipse** PanelTWC is a LED soft panel which provides a beautiful, wide source of soft and precise colours. In addition to this the **Eclipse** PanelTWC comes with a full range white reproduction from daylight through to Tungsten tones, reaching a superior light quality with High CRI, TLCI and TM-30. The **Eclipse** PanelTWC allows for quick and accurate adjustment of light through 3 local knobs with two fully featured modes: CCT with +/- green and magenta shift, and HSI for total control of hue, saturation and intensity. The unit can also be controlled on a per-section basis, to allow the reproduction of onboard customisable effects or to be run through the lighting desk. Both methods provide eye-candy, with the appealing and modern front looks and cinematic special effects. The unit is packaged with an onboard driver and built-in power supply and being lightweight, the **Eclipse** PanelTWC offers easy rigging and cabling making it the perfect lighting tool for every location.

MAIN FEATURES

- 740 W RGB + Warm White LED source
- CRI > 94; R9 > 92; TLCI > 94
- Controllable in pixel section to generate static and dynamic pixel effects
- Variety of fan settings
- Battery ready, compatible with industry standard external batteries (optional)

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 740 W RGB + Warm White
- CCT: 2.800 K - 10.000 K
- CRI: > 94
- R9: > 92
- Luminous flux: (LD) 27'326 lm - (MD filter) 24'616 lm - (HD filter) 20'912 lm
- Lux: (LD) 1'520 lx - (MD filter) 1'370 lx - (HD filter) 1'030 lx @3 m full
- Lux: (LD) 547 lx - (MD filter) 493 lx - (HD filter) 371 lx @5 m full
- Source life expectancy: > 50.000 h
- Other: TM-30-15RF/RG: 83/112 - TLCI: 94,4

OPTICS

- Beam angle: (LD) 102° - (MD filter) 100° - (HD filter) 108°
- Field angle: (LD) 154° - (MD filter) 155° - (HD filter) 159°
- Lens type: holographic frost filter
- Additional optics: interchangeable and different optional filter to adjust the beam spread
- Other: MD filter included on-board fixture - LD filter, HD filter and INT filter optional

COLOUR SYSTEM

- Colour mixing: RGB + WW
- 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
- Macros: built-in white presets

DYNAMIC EFFECTS

- Pixel patterns: pre-programmed dynamic and static patterns
- Static colour mode: selection of static colour
- Manual colour mode: manual adjustment of intensity, CT, colour correction from knob
- Auto mode: built-in programs with execution speed adjustment
- Special features: linear crossfade from a white to any color and CTO applied on colors

BODY

- Pan angle: (with PO system) 360° with manual regulation
- Tilt angle: (with PO system) 360° with manual regulation
- Body: sturdy die-cast aluminium body conceived for long-time durability

ACCESSORIES & RELATED PRODUCTS

- EPTWCFILTERMD: Front medium diffusion filter for ECLPANELTWC (included)
- ECLFRSPG: Spigot for PROLIGHTS Fresnel series (included)
- FCLPANEL1U: Flight case for 1 pc of ECLPANELTWC
- FCLPANEL3U: Flight case for 3 pcs of ECLPANELTWC
- EPTWCFILTERHD: Front high diffusion filter (less output) for ECLPANELTWC
- EPTWCFILTERLD: Front low diffusion filter (more output) for ECLPANELTWC

- Body colour: black
- Other: spigot (included); 30° egg craft (optional); 60° egg craft (optional); eggcrate (optional); barndoors (optional)

CONTROL

- Protocols: DMX512, RDM, W-DMX, local knob
- DMX channels: theatre: 1 / 2 / 4 / 5-1 / 5-2 / 6 / 10 / 15 / 17 - tour: 4 / 6 / 10 / 11 / 15 - pixel: 1 / 2H / 2V / 4H / 4V / 8 channel
- Pixel control: 8 section control
- W-DMX: included, wireless solution receiver
- 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

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: different dimming curves available
- Strobe / shutter: 1 - 30 Hz, electronic
- Operating temperature: -20° ~ +45°
- Flicker: flicker free operation
- Selectable PWM: 600 ~ 36.000 Hz

ELECTRICAL

- Power supply: 100-240 V - 50/60 Hz
- Power consumption (at 230 V): 452 W
- Power consumption (at 120 V): 456 W
- Output (at 230 V): 6 units on a single power line
- Output (at 120 V): 3 units on a single power line
- Power factor: pF 0,97 @230 V - pF 0,99 @120 V

BATTERY

- Re-charge connection: connection for external battery through XLR 4p

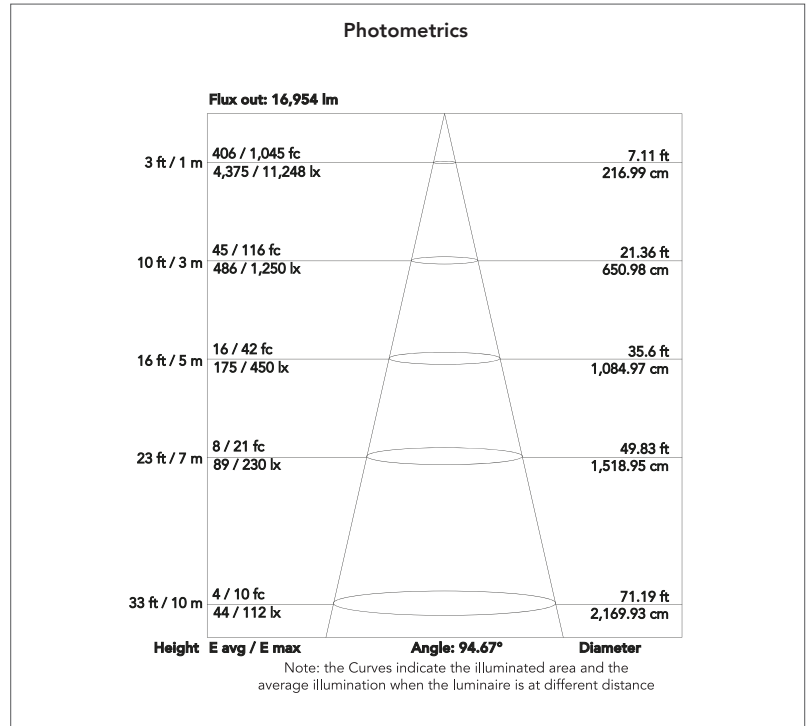
PHYSICAL

- Cooling: forced air with low noise fan
- Suspension and fixing: bracket for truss rigging and hardware for connection of more units
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- IP rating: 20
- Dimensions (WxHxD): 819x430x144 mm / 836x343x118 (with PO system) mm
- Weight: 15,2 kg

- EPTWCEC30: 30 degree egg crate for ECLPANELTWC
- EPTWCEC60: 60 degree egg crate for ECLPANELTWC
- EPTWCEC8C: 8 chamber egg crate for ECLPANELTWC
- EPTWCBD: Barn door with 4 directional flaps to adjust the light beam
- UPBOX1U: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT

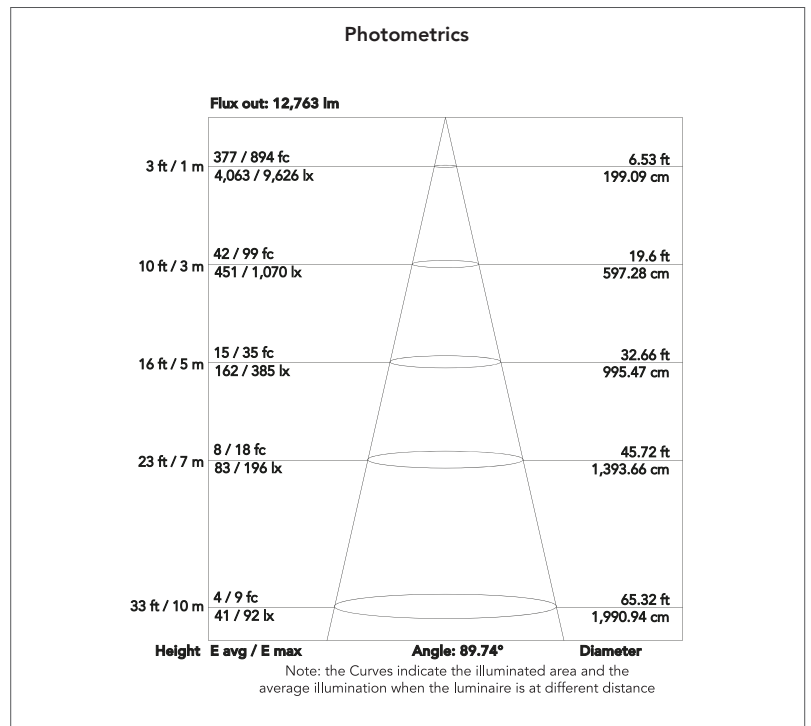
COLOUR PRESET FULL ON

Beam angle 100°

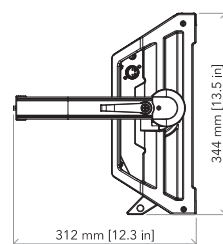
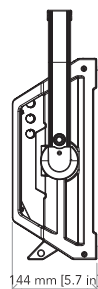
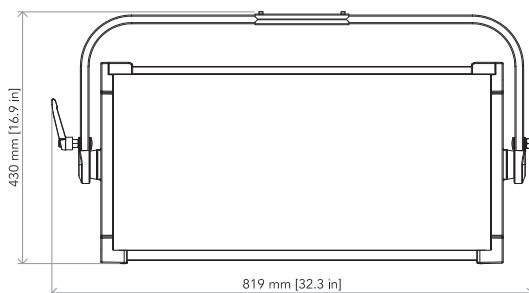


COLOUR PRESET WHITE

Beam angle 100°



TECHICAL DRAWINGS



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