

EclPanel TWCJR

370 W Tunable White and colourful LED soft light with pixels and lighting effects

ORDER CODE: **ECLPANELTWCJR**



EclPanel TWCJR, is the compact 1x1 LED soft light that provides a beautiful, wide source of soft and precise colours. In addition to this, the PROLIGHTS **EclPanel TWCJR** comes with a full range of white reproductions, from daylight through to tungsten tones, reaching a superior light quality with high CRI, TLCI and TM-30. The **EclPanel TWCJR** allows for quick and accurate local adjustment of light through 3 rotatory knobs with three fully featured modes: CCT with +/- green shift, HSI for total control of hue, saturation and intensity, FX mode to access the on board pixel cinema effects. The unit can also be controlled on a per-section basis, allowing for reproduction of onboard customisable effects or to be self-made through the lighting desk. Both methods provide eye-candy, with the appealing and modern front looks and cinematic special effects. The unit is designed with an onboard driver and built-in power supply and, being lightweight, the **EclPanel TWCJR** offers easy rigging and cabling making it the perfect lighting tool for every location.

MAIN FEATURES

- 370 W RGB + Warm White LED source
- CRI > 94; R9 > 88,8; TLCI > 92
- 4 section pixel control and built-in lighting effects for cinema applications
- Silent operation with multiple fan modes
- Battery connection (4pXLR 24-36V): compatible with industry standard external batteries (optional)

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 370 W RGB + Warm White
- Luminous flux: 17'109 lm @4.000 K with LD filter
- Lux: 265 lx @5 m full
- CRI: 90 @3.200 K; 94 @5.600 K
- R9: 84,1 @3.200 K; 88,8 @5.600 K
- TLCI: 92 @5.600 K
- TM30 Rf: 90 @3.200 K; 89,4 @5.600 K
- TM30 Rg: 105 @3.200 K; 104 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: 102°
- Field angle: 158°
- Lens type: medium density diffusion panel (interchangeable)
- Additional optics: see available accessories

COLOUR SYSTEM

- Colour mixing: RGB + Warm White
- CTC: CTC control, + / - green correction, Tungsten emulation
- White presets: 2.800 K - 10.000K with 28 K resolution
- Colour wheel: virtual colour wheel with macros

DYNAMIC EFFECTS

- Control Resolution: 16bit dimmer, colours
- Pixel patterns: pre-programmed pixel macros and cinema lighting effects patterns
- Special features: linear crossfade channel from any white to any colour; virtual CTO on colours

BODY

- Body: sturdy die-cast aluminium body
- Body colour: black

CONTROL

- Protocols: DMX512, RDM, W-DMX, rotatory knob
- Stand Alone: selectable mode through 3 rotatory knobs
- Pixel control: 4 section control

- W-DMX: included, wireless solution receiver
- RDM: RDM ready for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included

ELECTRONICS

- Dimmer curves: selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -20° ~ +45°
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 40.000 Hz

ELECTRICAL

- Mains power supply: 100-240 V - 50/60 Hz
- Low Voltage DC mains: 24-36V
- Max power consumption: 230 W
- Power factor: >0,97

PHYSICAL

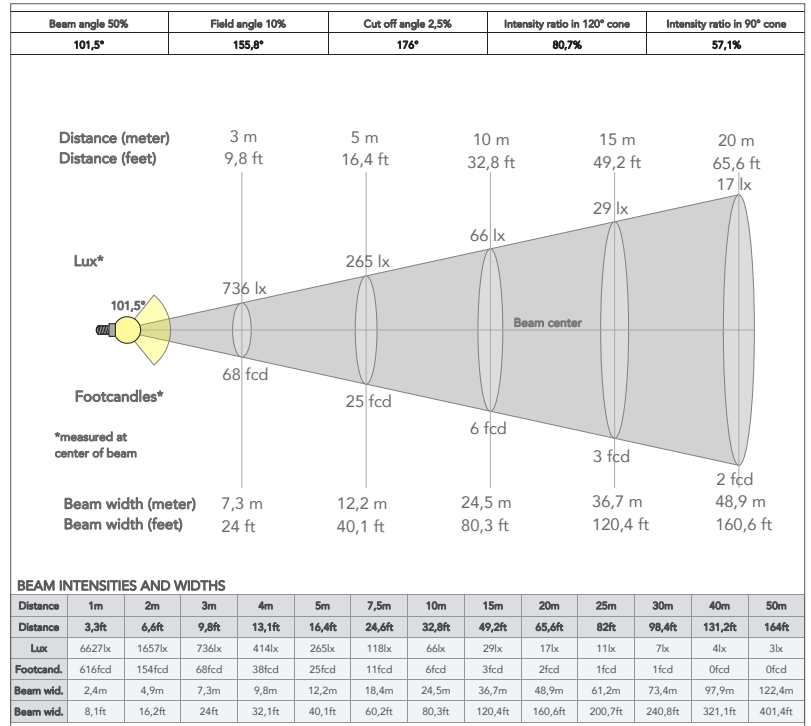
- Cooling: active, silent operation
- Suspension and fixing: bracket for hanging and positioning
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Low Voltage DC connector: XLR 4p
- IP rating: 20
- Dimensions (WxHxD): 529x430x144 mm / (with PO system) 546x430x144 mm
- Weight: 10,5 kg / (with PO system) 11,8 kg

ACCESSORIES & RELATED PRODUCTS

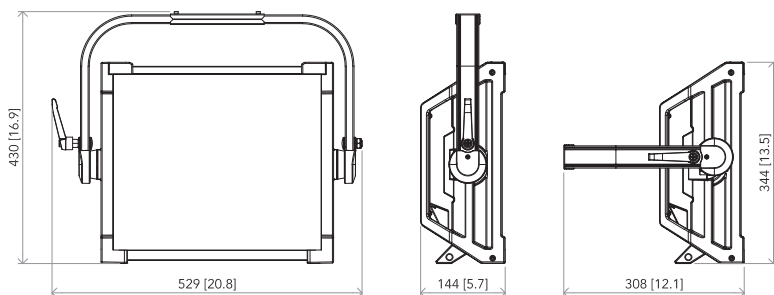
- EPTWCJRFILTERMD : Front medium diffusion filter for ECLPANELTWCJR (included)
- ECLFRSPG: Spigot for PROLIGHTS Fresnel series (included)
- FCLPANELJR1U: Flight case for 1 pc of ECLPANELTWCJR
- FCLPANELJR3U: Flight case for 4 pcs of ECLPANELTWCJR
- ECLPANELJRPOYO: Pole operated aluminium yoke bracket for ECLPANELTWCJR
- EPTWCJRFILTERINT: Front diffuser filter for ECLPANELTWCJR
- EPTWCJRFILTERHD: Front high diffusion filter (less output) for ECLPANELTWCJR
- EPTWCJRFILTERLD: Front low diffusion filter (more output) for ECLPANELTWCJR
- EPTWCJREC30: 30 degree egg crate for ECLPANELTWCJR
- EPTWCJREC60: 60 degree egg crate for ECLPANELTWCJR
- EPTWCJREC4C: 4 chamber egg crate for ECLPANELTWCJR
- EPTWCJRBD: Barn door with 4 directional flaps to adjust the light beam
- EPTWCJRBSB11: SnapBag 1x1 for ECLPANELTWCJR by DoP choice
- EPTWCJRSG4SB1140: 40° SnapGrid for SnapBag, 1x1 for ECLPANELTWCJR by DoP choice
- EPTWCJRSG1140: 40° SnapGrid, 1x1 for ECLPANELTWCJR by DoP choice
- EPSREM: Rabbit-Ears 1x1 MINI for ECLPANELTWCJR by DoP choice
- UPBOX1U: Firmware uploader kit, USB IN, 3p XLR DMX OUT

COLOUR PRESET FILTER LD FULL ON

Beam angle 50%: 102°



TECHNICAL DRAWINGS



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