

# EclPanel TWCJR

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

ORDER CODE: ECLPANELTWCJR



## 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

## 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

**EclPanel** TWCJR, is the compact 1x1 LED soft light which 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 fans mode
- Battery connection (4pXLR 24-36V): compatible with industry standard external batteries (optional)

### ▪ 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

- 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

- EPTWCJRSB11: SnapBag 1x1 for ECLPANELTWCJR by DoP choice

- EPTWCJRSG4SB1140: 40° SnapGrid for SnapBag, 1x1 for ECLPANELTWCJR by DoP choice

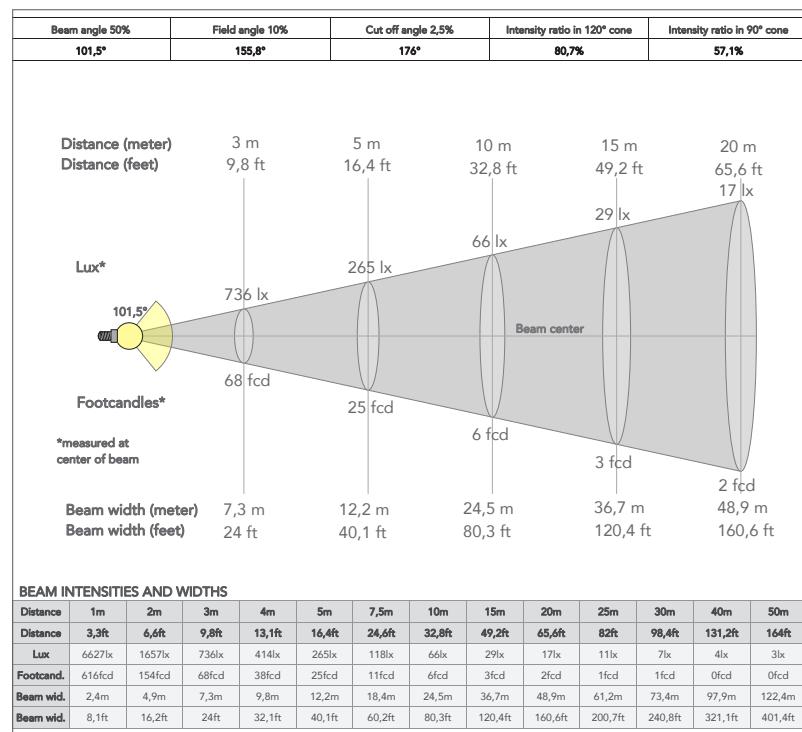
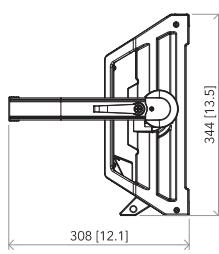
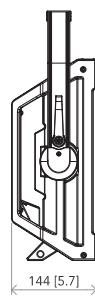
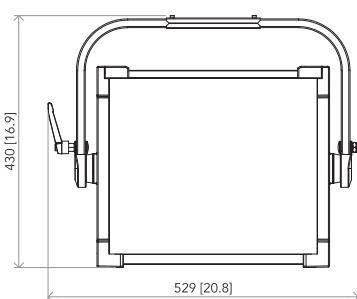
- EPTWCJRSG1140: 40° SnapGrid, 1x1 for ECLPANELTWCJR by DoP choice

- 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**

 For more product  
info and downloads  
visit our website

**PROLIGHTS** is a trademark of  
**MUSIC & LIGHTS S.r.l.**  
[musiclights.it](http://musiclights.it)

 Via A. Olivetti snc  
04026 - Minturno (LT) ITALY  
Tel: +39 0771 72190

**prolights.it**  
[info@prolights.it](mailto:info@prolights.it)