

# EclPanel TWCJR4x1

230W Tunable White and colourful LED soft light with pixels and lighting effects

ORDER CODE: **ECLPANELTWCJR4X1**



The **EclPanel TWCJR4x1** is a compact LED linear soft light that provides a beautiful, wide source of soft and precise colours. In addition to this, the **EclPanel TWCJR4x1** comes with a full range of white presets, from daylight to tungsten tones, and produces a tremendous output whilst keeping high CRI, TLCI and TM-30 values. The **EclPanel TWCJR4x1** has 3 precision rotatory knobs, with multiple Stand Alone control modes: CCT with +/- green shift, CCT presets, HSI for total control of hue, saturation and intensity, RAW RGBW mode, XY and FX mode, allowing to scroll through the built-in cinema effects engine. Each of the 2 sections is controlled individually or simultaneously, allowing to play on-board customizable, cinematic effects through its built-in engine or from a console. **EclPanel TWCJR4x1** brings ultimate color control: RGBW, RGB, CMY, HSI, XY, RAW Direct, CCT Linear and CCT Presets with +/- green shift, Source emulation and industry-standard Color gels. Despite its lightweight, it has an on-board driver, a built-in power supply, Wireless DMX (CRMX+W-DMX), network connectivity (Art-Net, sACN, Kling-Net) and low voltage inputs (24-36V and 48Vdc)

## MAIN FEATURES

- 230W RGB + Warm White LED source
- CRI >94; R9 >95; TLCI >92
- 2 section pixel control and built-in lighting effects for cinema applications, colour gels matching
- Silent operation with multiple fan modes
- Wireless DMX (CRMX+W-DMX), Ethernet connectivity, low voltage inputs (24-36V, 48Vdc)

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 230W RGB + Warm White LED
- Luminous flux: 16'260lm @3.200 K with MD filter
- Lux: 257lx @5 m full
- CRI: 93 @3.200 K; 94 @5.600 K
- R9: 96 @3.200 K; 94 @5.600 K
- TLCI: 92 @5.600 K
- TM30 Rf: 92 @3.200 K; 90 @5.600 K
- TM30 Rg: 104 @3.200 K; 104 @5.600 K
- Source life expectancy: > 50.000 h

### OPTICS

- Beam angle: 102°
- Field angle: 154°
- Lens type: medium density diffusion panel (interchangeable)
- Additional optics: see available accessories

### COLOUR SYSTEM

- Colour control: XY, CCT, RGBW, Gel, HSI, Source Emulation, Color Macros, CTO on colors
- Colour mixing: RGB + Warm White
- CCT: CCT control range from 2.200K to 15.000K, + / - green correction, tungsten emulation
- White presets: 2.800 K - 10.000K with 28 K resolution
- Colour wheel: virtual colour wheel with macros
- Macros: Gels library on-board

### DYNAMIC EFFECTS

- Control Resolution: 16-bit 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, Art-Net, sACN, W-DMX
- Stand Alone: selectable mode through 3 rotatory knobs
- Pixel control: 2 linear section control
- Wireless Control: integrated, CRMX + WDMX TRX
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included

### ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Operating temperature: -10° ~ +45°
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 40.000 Hz

### ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: 48Vdc and 24-36V
- Max power consumption: 230W
- Power factor: >0,93

### PHYSICAL

- IP rating: 20
- 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 3p for 48V and XLR 4p for 24V-36V
- Dimensions (WxHxD): 819x276x144mm
- Dimensions with PO system (WxHxD): 836x396x144mm
- Weight: 10kg
- Weight with PO system: 12.3kg

### CERTIFICATIONS / APPROVALS

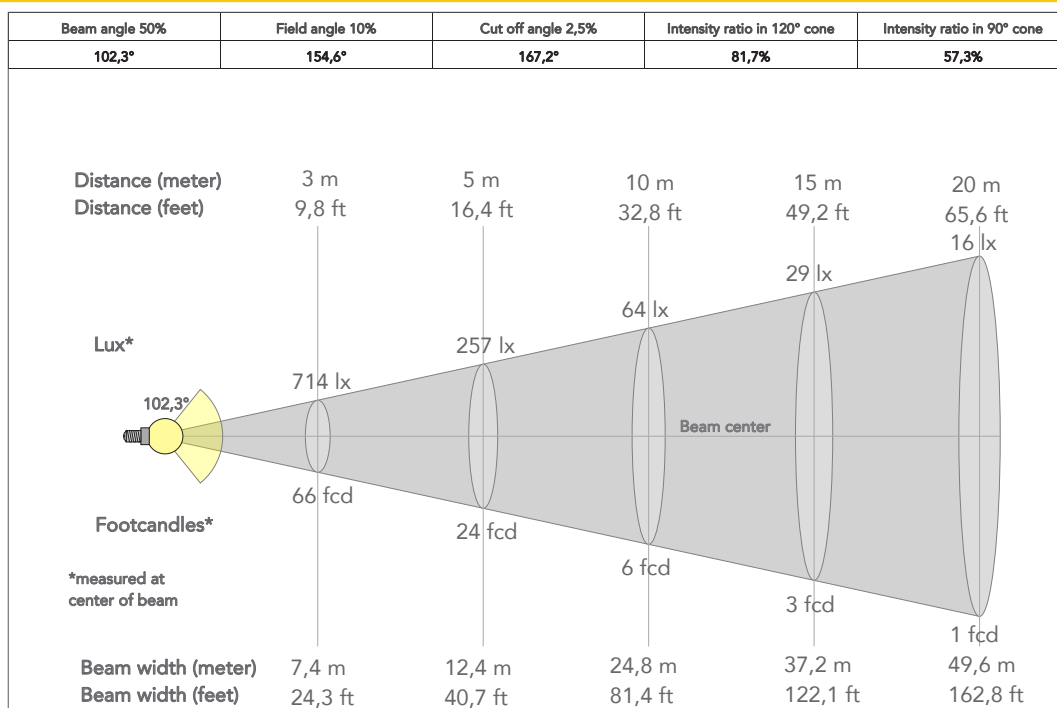
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

## ACCESSORIES & RELATED PRODUCTS

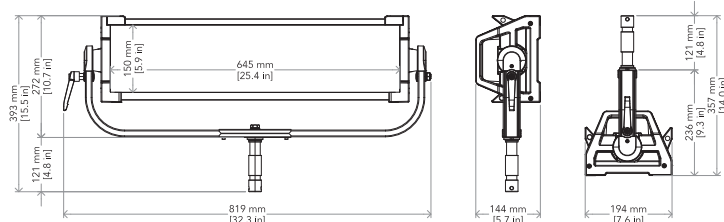
▪ 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m	▪ EPTWCJR4X1FILTMD	Front medium diffusion filter for ECLPANELTWCJR4X1
▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m	▪ EPTWCSBJR41	SnapBag 4x1 for ECLPANELTWCJR4x1 by DoP choice
▪ 958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m	▪ EPTWCSG4SBJR4140	40° SnapGrid for SnapBag, 4x1 for ECLPANELTWCJR4x1 by DoP choice
▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black	▪ EPTWCSGJR4140	40° SnapGrid, 4x1 for ECLPANELTWCJR4x1 by DoP choice
▪ C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black	▪ FCLPANELJR4X13U	Flight case for 3 pcs of ECLPANELTWCJR4X1
▪ ECLFRSPG	Spigot for PROLIGHTS Fresnel series	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ ECLPANELJR4X1POYO	Pole operated aluminium yoke bracket for ECLPANELTWCJR4X1	▪ SWIT500W2KIT	24/48V 500W battery (>1.2hrs) KIT including 2*PBH260S smart power batt.+st.adapt
▪ EPTWCJR4X1BD	Barndoor for ECLPANELTWCJR4X1 with 4 directional flaps to adjust the light beam	▪ TOUR53415L03	Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m
▪ EPTWCJR4X1EC30	30 degree egg crate for ECLPANELTWCJR4X1	▪ UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT
▪ EPTWCJR4X1EC4C	4 chamber egg crate for ECLPANELTWCJR4X1	▪ WSBBF1G5	BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
▪ EPTWCJR4X1EC60	60 degree egg crate for ECLPANELTWCJR4X1	▪ WSBBF1G6	BlackBox F-1 G6 transrec, 512ch, 2.45GHz, DMX&RDM,Bluetooth,G3,G4,G4S, G5, CRMX
▪ EPTWCJR4X1FILTHD	Front high diffusion filter (less output) for ECLPANELTWCJR4X1	▪ WSBBR512G5	BlackBox R-512 G5 receiver 512Ch, 2.45GHz & 5.8GHz, DMX/RDM optional
▪ EPTWCJR4X1FILTINT	Front intensified diffusion filter for ECLPANELTWCJR4X1	▪ WSBBR512G6	BlackBox R-512 G6 receiver 512Ch, 2.45GHz,DMX&RDM, Bluetooth,G3,G4,G4S,G5,CRMX
▪ EPTWCJR4X1FILTLD	Front low diffusion filter (more output) for ECLPANELTWCJR4X1		

## PRESET 3.200 K

Beam angle 50%: MD filter



## TECHNICAL DRAWINGS



## CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573  
Certified to CSA STD: C22.2 NO. 166

Visit our website  
for specifications and  
tech documentations

