

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. The 2 sections are controlled individually or simultaneously, allowing to play on-board customizable, cinematic effects through its built-in engine or from a console. The **EclPanel TWCJR4x1** has several colour control modes: RGBW, RGB, CMY, HSI, XY, RAW Direct, CCT Linear and CCT Presets with +/- green shift, source emulation and industry-standard colour 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 gel 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: 230 W RGB + Warm White LED
- Luminous flux: 16'260 lm @3.200 K with MD filter
- Lux: 257 lx @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 - 10.000 K 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: 240 W
- 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): 819x276x144 mm
- Dimensions with PO system (WxHxD): 836x396x144 mm
- Weight: 10 kg
- Weight with PO system: 12.3 kg

CERTIFICATIONS / APPROVALS

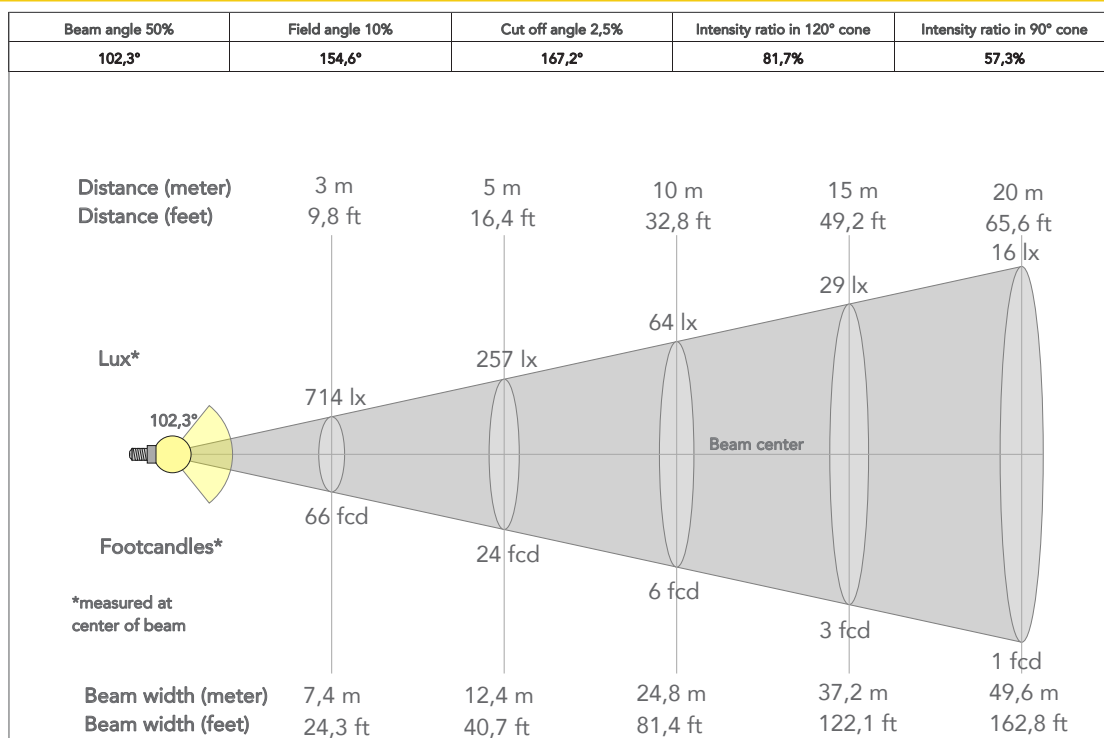
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

ACCESSORIES & RELATED PRODUCTS

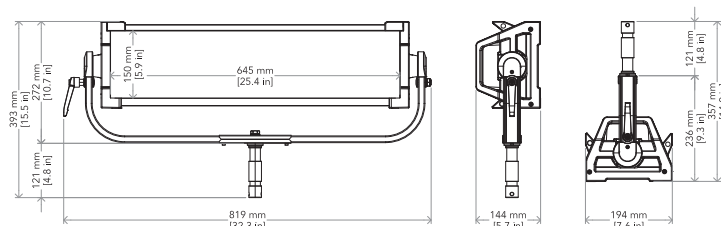
9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m	EPTWCJR4X1FILTMD	Front medium diffusion filter for ECLPANELTWCJR4X1
9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m	EPTWCSEBJR41	SnapBag 4x1 for ECLPANELTWCJR4x1 by DoP choice
958225L03	3x2.5mm TH07 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	TOUR53415L03	Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m
EPTWCJR4X1BD	Barndoor for ECLPANELTWCJR4X1 with 4 directional flaps to adjust the light beam	UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT
EPTWCJR4X1EC30	30 degree egg crate for ECLPANELTWCJR4X1	WSBBF1G5	BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
EPTWCJR4X1EC4C	4 chamber egg crate for ECLPANELTWCJR4X1	WSBBF1G6	BlackBox F-1 G6 transrec, 512ch, 2.45GHz, DMX&RDM, Bluetooth, G3, G4, G4S, G5, CRMX
EPTWCJR4X1EC60	60 degree egg crate for ECLPANELTWCJR4X1	WSBBR512G5	BlackBox R-512 G5 receiver 512Ch, 2.45GHz & 5.8GHz, DMX/RDM optional
EPTWCJR4X1FILTHD	Front high diffusion filter (less output) for ECLPANELTWCJR4X1	WSBBR512G6	BlackBox R-512 G6 receiver 512Ch, 2.45GHz, DMX&RDM, Bluetooth, G3, G4, G4S, G5, CRMX
EPTWCJR4X1FILTINT	Front intensified diffusion filter for ECLPANELTWCJR4X1		
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

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tech documentations

