

EclPanel TWCMMini2x1

115W Tunable White and colourful LED soft light with pixels and lighting effects

ORDER CODE: **ECLPANELTWCM2X1**



The **EclPanel** TWCMMini2x1 is an ultra-compact LED soft light that provides a beautiful, wide source of soft and precise colours. In addition to this, the **EclPanel** TWCMMini2x1 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** TWCMMini2x1 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.

The **EclPanel** TWCMMini2x1 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

- 115W RGB + Warm White LED source
- CRI >94; R9 >88,8; 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: 115W RGB + Warm White LED
- Luminous flux: 7'642 @3.200 K with LD filter
- Lux: 220lx @5 m full
- CRI: 93 @3.200 K; 94 @5.600 K
- R9: 90 @3.200 K; 92 @5.600 K
- TLCI: 91 @5.600 K
- TM30 Rf: 91 @3.200 K; 90 @5.600 K
- TM30 Rg: 105 @3.200 K; 104 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: 98°
- Field angle: 153°
- Lens type: medium density diffusion panel (interchangeable)
- Additional optics: see available accessories

COLOUR SYSTEM

- Colour control: XY, CCT, RGBW, Gel, HSI, Source Emulation, Colour Macros, CTO on colours
- Colour mixing: RGB + Warm White
- CCT: Max 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 and color control
- Pixel patterns: pre-programmed pixel macros and cinema lighting effects
- Special features: linear crossfade channel from any white to any colour; virtual CTO on colours

CONTROL

- Supported Protocols: DMX512, RDM, Art-Net, sACN, W-DMX
- Pixel control: 2 linear section control
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- Stand Alone: selectable mode through 3 rotatory knobs

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available

- Strobe / shutter: 1 - 30 Hz, electronic
- Selectable PWM: 600 to 40000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included)

CONNECTIONS

- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Low Voltage DC connector: XLR 4p

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: 48Vdc and 24-36V
- Max power consumption (230V): 130W
- Output (at 230V): 19 units on a single power line
- Power factor: >0,93

PHYSICAL

- IP rating: IP20
- Cooling: forced-air with low-noise fan
- Housing: Sturdy die-cast aluminium body
- Finish: black
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 529x276x144mm / 20.83"x10.87"x5.67"
- Dimensions with PO system (WxHxD): 547x396x144mm / 21.54"x15.59"x5.67"
- Weight: 6kg / 13.23lbs
- Weight with PO system: 8,6kg / 18.96lbs

INSTALLATION

- Suspension and fixing: bracket for hanging and positioning

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM, cTUVus, FCC

BOX CONTENT

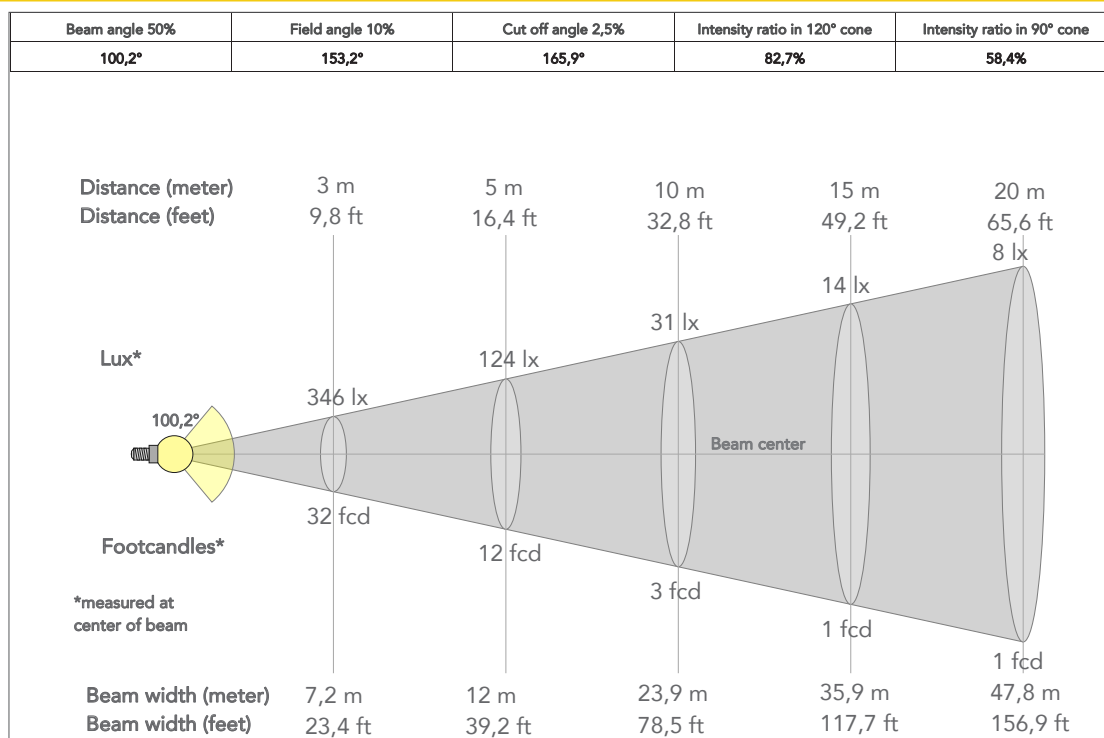
- 1 x ECLPANELTWCM2X1
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)
- 1 x ECLFRSPG
- User Manual

ACCESSORIES & RELATED PRODUCTS

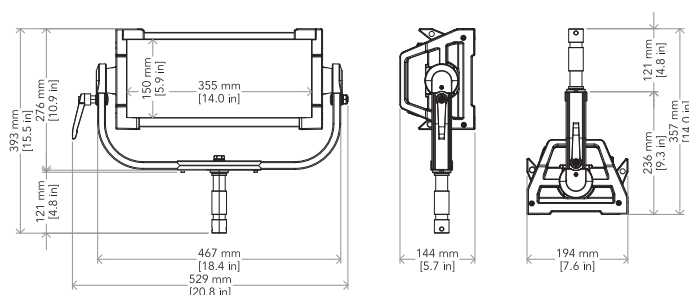
• TOUR53415L03	Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FFX XLR (f) 5p, L.3m	• EPTWCM2X1FILTERHD	Front high diffusion filter (less output) for ECLPANELTWC2M2X1
• 958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m	• EPTWCM2X1FILTERMD	Front medium diffusion filter for ECLPANELTWC2M2X1
• 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m	• EPTWCM2X1FILTERLD	Front low diffusion filter (more output) for ECLPANELTWC2M2X1
• 9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m	• ECLPANELM2X1POYO	Pole operated aluminium yoke bracket for ECLPANELTWC2M2X1
• RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black	• EPTWCM2X1EC30	30 degree egg crate for ECLPANELTWC2M2X1
• AETHERBOXONE	IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE	• EPTWCM2X1EC60	60 degree egg crate for ECLPANELTWC2M2X1
• AETHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready	• EPTWCM2X1EC2C	2 chamber egg crate for ECLPANELTWC2M2X1
• C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black	• EPTWCM2X1BD	Barndoor for ECLPANELTWC2M2X1 with 4 directional flaps to adjust the light beam
• C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black	• EPTWCSBM21	SnapBag 2x1 for ECLPANELTWC2M2x1 by DoP choice
• FCLPANELM2X14U	Flight case for 4 pcs of ECLPANELTWC2M2X1	• EPTWCSG4SBM2140	40° SnapGrid for SnapBag, 2x1 for ECLPANELTWC2M2x1 by DoP choice
• EPTWCBHEAD	Ball head joint for center mount bracket EPTWCBRK series	• EPTWCSGM2140	40° SnapGrid, 2x1 for ECLPANELTWC2M2x1 by DoP choice
• EPTWCBRK	Center mount bracket for ECLPANELTWCJR and ECLPANELTWC2M2X1	• ECLFRSPG	Spigot for PROLIGHTS Fresnel series
• EPTWCM2X1FILTINT	Front intensified diffusion filter for ECLPANELTWC2M2X1	• SPGM10	28mm spigot for fixtures, M10 bolt
		• SPGM12	28mm spigot for fixtures, M12 bolt
		• UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

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

