

# EclPanel IPSoft2x1

2x1 Soft Source LED Panel, IP65 with 550W power and 6 colors source

ORDER CODE: **ECLPANELIPSOFT2X1**



**EclPanel IPSoft2x1** is a 2x1 format IP65 LED Panel with Soft light source, engineered to perform an ultimate quality of light and user experience, for any weather condition.

**EclPanel IPSoft** range is engineered with a new 6 colours light source, maximizing both output and extending the spectrum of the light to achieve an outstanding light quality.

The housing is built into a resistant die cast alloy, and being IP65 rated the unit is both water and dust resistant ensuring safe application in any set or extreme location.

The fixture is equipped with on board power supply and processing unit, delivering easy setup and operation also stand alone through a larger display, more intuitive user interface and advanced connectivity both wired and wireless.

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.

**EclPanel IPSoft** can be also powered through the 24-36V battery input and the 48V DC power input to make the fixture truly portable. EclPanel IPSoft are extremely flexible, allowing control by DMX & RDM, though ethernet protocols, remotely via the ControlGo and also wireless CRMX.

## MAIN FEATURES

- 550W 6 colour Soft Light source featuring high CRI, TLCI and TM30
- IP65 water and dust resistant
- 8 section pixel control and built-in lighting effects for cinema applications
- Silent operation with multiple fan modes

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 550W 6 colour LEDs source
- Luminous flux: (HB) 63'650 lm - (HQ) 59'168 lm @3.200 K
- Luminous flux: (HB) 64'132 lm - (HQ) 57'200 lm @5.600 K
- Lux: (HB) 969 lx - (HQ) 918lx @5 m 3.200 K
- Lux: (HB) 980 lx - (HQ) 842lx @5 m 5.600K
- CRI: 96,4 @3.200K; 96,8 @5.600 K
- R9: up to 92
- TLCI: 88 @3200K; 94 @5.600 K
- TM30 Rf: > 92 @3.200K; > 92 @5.600 K
- TM30 Rg: < 102 @3.200K; < 102 @5.600 K
- Source life expectancy: > 50.000 h

### OPTICS

- Beam angle: 102°
- Field angle: 157°
- Lens type: medium density diffusion panel (interchangeable)
- Additional optics: see available accessories

### COLOUR SYSTEM

- Colour control: XY, CCT, Gel, HSI, Source Emulation
- CCT: CCT control range from 1.850K to 20.000K, + / - green correction, tungsten emulation
- White presets: 1.850 K - 20.000K
- 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: color space selection, linear crossfade channel from any white to any colour; virtual CTO on colours

### BODY

- Body: weatherproof IP65 construction with die-cast magnesium alloy
- Body colour: black

### CONTROL

- Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- Stand Alone: selectable mode through 4 RGB backlight push-encoders
- Pixel control: 8 section control

- Wireless Control: included, LumenRadio TimoTwo DMX/RDM compatible with both CRMX, CRMX2 (Lumen Radio) and W-DMX (Wireless DMX), Bluetooth capable
- RDM: RDM for remote monitoring and settings
- Display: 3.5" with new UI
- Firmware upgrade: yes, via USB - DMX interface (UPBOXPRO/UPBOX1) not included
- Other: Ethernet pass through in case of failure

### ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 6 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -20° C / +45° C (-4° F / +113° F)
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 1282 ~ 40.000 Hz

### ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 550W
- Standby power: 110V (60Hz): 19,4W; 230V (50Hz): 19,1W
- Output (at 230V): 4 units on a single power line
- Power factor: > 0,95
- Inrush current: 110V (60Hz): 13,7A ; 230V (50Hz): 24,9A

### PHYSICAL

- IP rating: 65 for temporary outdoor application, not for fixed installations
- Cooling: active, silent operation
- Suspension and fixing: bracket for truss rigging and hardware for connection of more units
- Signal connection: IP65 Seetronic XLR 5p IN/OUT connectors
- Data connection: IP65 Seetronic RJ45 IN/OUT
- Power connection: IP65 Seetronic powerCON TRUE IP65 IN/OUT
- Low Voltage DC connector: XLR 3p for 48V and XLR 4p for 24V-36V
- Dimensions (WxHxD): 819x433x142mm / 32.24"x17.05"x5.59"
- Weight: 18,6kg / 41.01lbs

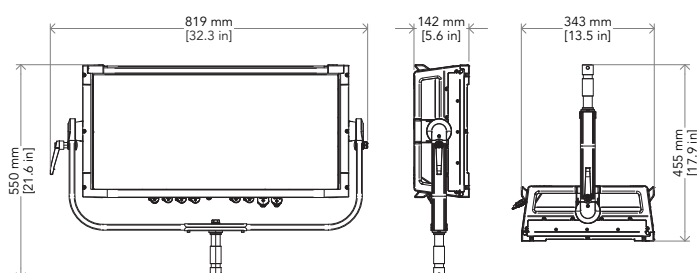
### CERTIFICATIONS / APPROVALS

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

## ACCESSORIES & RELATED PRODUCTS

▪ FCLPANELIP2X13U	Flight case for 3 pcs of ECLPANELIP2X1HARD or ECLPANELIP2X1SOFT	▪ EPSGC5W40	40° SnapGrid, to be mounted on Snap Bag Octa 5' (EPSBRO5)
▪ EPIP2X1X1RMP2U	Rigging metal plate for ECLPANELIP series to mount the products in arrays, 2U	▪ EPSBRO7	Snapbag Octa 7' to be mounted on Rabbit-Ears by DoP choice
▪ EPIP2X1X1RMP4U	Rigging metal plate for ECLPANELIP series to mount the products in arrays, 4U	▪ EPSGC7W40	40° SnapGrid, to be mounted on Snap Bag Octa 7' (EPSBRO7)
▪ EPTWCBAG1U	Bag for 1 pc of ECLPANELTWC	▪ EPSBCFNMS	Diffusion MAGIC cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPTWCBHEAD	Ball head joint for center mount bracket EPTWCBRK series	▪ EPSBCFNFS	Diffusion FULL Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPTWCBRKL	Center mount bracket for ECLPANELTWC and ECLPANELTWCJR4X1	▪ EPSBCFNSH	Diffusion HALF Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ ECLPANELPOYO	Pole operated aluminium yoke bracket for ECLPANELTWC	▪ EPSBCFNSEQ	Diffusion QUARTER Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPTWCFILTERINT	Front intensified diffusion filter for	▪ EPSBCFNSEQFM	Diffusion cloth SET(1/4,1/1,MAGIC) for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPTWCFILTERHD	Front high diffusion filter (less output)	▪ EPSBCFNSEQHF	Diffusion cloth SET (1/4, 1/2,1/1) for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPTWCFILTERMD	Front medium diffusion filter (included)	▪ EPTWCJRLANT21	Snapbag Lantern for ECLPANELTWC by DoP. Incl. Lantern, Backcovers, Carry Bag
▪ EPTWCFILTERLD	Front low diffusion filter (more output)	▪ SPGM12	28mm spigot for fixtures, M12 bolt
▪ ECLFRSPG	Spigot for PROLIGHTS Fresnel series (included)	▪ SPGM10	28mm spigot for fixtures, M10 bolt
▪ EPTWCJREC30/60	30/60 degree egg crate for ECLPANELTWCJR	▪ TIMOUPG	Wireless PCB upgrade kit from Tiny PCB to TimoFX PCB
▪ EPTWCJREC8C	8 chamber egg crate for ECLPANELTWCJR	▪ TOUR53415L03	Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m
▪ EPTWCBDR2	Barn door with 4 directional flaps to adjust the light beam	▪ 958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
▪ EPTWCSB21	SnapBag 2x1 for ECLPANELTWC by DoP choice	▪ 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
▪ EPTWCJRSG4SB2140	40° SnapGrid for SnapBag, 2x1 by DoP choice	▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket, L.3m
▪ EPTWCJRSG2140	40° SnapGrid, 2x1 by DoP choice	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ EPSRER	Rabbit-Ears 2x1 Rectangular for ECLPANELTWC by DoP choice	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ EPSBRL5	Snapbag Lantern 5' for Rabbit-Ears by DoP. Incl. Lantern, Carry Bag	▪ C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes
▪ EPSBRL3	Snapbag Lantern 3' for Rabbit-Ears by DoP choice Incl. Lantern, Backcovers, Carry Bag	▪ LRLUNA	Single Universe DMX transceiver with Bluetooth
▪ EPSBRL5C4	Cover for Snapbag Lantern 5' (EPSBRL5) by DoP choice; 4 sides, adj. with zipper	▪ UPBOX1UP5	Firmware uploader kit, USB IN, 5pin XLR DMX OUT, USB OUT
▪ EPSBRL3C4	Cover for Snapbag Lantern 3' (EPSBRL3) by DoP choice; 4 sides, adj. with zipper	▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ EPSBRM	SnapBag Medium to be mounted on Rabbit Ears by DoP choice		
▪ EPSGCM40	40° SnapGrid, to be mounted on Snap Bag Medium (EPSBRM)		
▪ EPSBRO3	Snapbag Octa 3' to be mounted on Rabbit-Ears by DoP choice		
▪ EPSGC3W40	40° SnapGrid, to be mounted on Snap Bag Octa 3' (EPSBRO3)		
▪ EPSBRO5	Snapbag Octa 5' to be mounted on Rabbit-Ears by DoP choice		

## TECHICAL DRAWINGS



## CERTIFICATIONS / APPROVALS



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

Visit our website  
for specifications and  
tech documentations

