EclPanel IPHard2x1

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

ORDER CODE: **ECLPANELIPHARD2X1**



The **EclPanel** IPHard2x1 is a 2x1 format IP65 Hard Light, featuring an LED source optimized for long throw film applications. This unit is designed to deliver quality lighting in all weather conditions. Its optical system, equipped with a 6-color LED array and collimator lenses controllable in 8 sections, producing a 20° native beam angle. This configuration enhances lux intensity for long throw uses and broadens the light spectrum, resulting in superior light quality. The **EclPanel** IPHard can be transformed into a soft light source by attaching optical modifiers to its accessory points.
Constructed with durable die-cast magnesium alloy, the IP65 rating of the housing makes the unit water and dust resistant, suitable for challenging environments and sets. The fixture incorporates an onboard power supply and processing unit, facilitating easy setup and operation. It features a 3.5" large display, a user-friendly interface, and comprehensive connectivity options, including both wired and wireless capabilities.
Further enhancing its versatility, the unit supports per-section control for custom or desk-created effects. For added portability, the **EclPanel** IPHard accepts power via 24-36V batteries and a 48V DC input. Its flexibility extends to control options, compatible with DMX & RDM, Ethernet protocols, remote operation via ControlGo, and wireless CRMX.

MAIN FEATURES

- 550W 6 color Hard Light in 2x1 format with 20° beam angle
- IP65 water and dust resistant
- 8 section pixel control and built-in lighting effects for film applications
- Silent operation with multiple fan modes

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 550W 6 colour LEDs source
- Luminous flux: (HB) 36'904 lm - (HQ) 35'755 lm @3.200 K
- Luminous flux: (HB) 38'770 lm - (HQ) 33'409 lm @5.600 K
- Lux: (HB) 5'072 lx - (HQ) 4'962lx @5 m 3.200 K
- Lux: (HB) 5'359 lx - (HQ) 4'700lx @5 m 5.600K
- CRI: 95,5 @3.200 K; 96,3 @5.600 K
- R9: up to 92
- TLCI: 90 @3.200 K; 95 @5.600 K
- TM30 Rf: >91 @3.200 K; > 92 @5.600 K
- TM30 Rg: < 101 @3.200 K; < 102 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle: 20°
- Field angle: 48°
- Lens type: TIR lenses
- Additional optics: Dome diffuser - 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 and color control
- Pixel patterns: pre-programmed pixel macros and cinema lighting effects
- Special features: color space selection, linear crossfade channel from any white to any colour; virtual CTO on colours

CONTROL
- Supported Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- Pixel control: 8 section control
- RDM: for remote addressing and parameter configuration
- Display: 3.5" with new UI
- Stand Alone: selectable mode through 4 RGB backlight push-encoders

ELECTRONICS
- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 6 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: included, self-charging battery backup
- Selectable PWM: 1282 to 40000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included)

CONNECTIONS
- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
- Signal connection: IP65 Seetronic XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TimoTwo FX - CRMX, CRMX² (RX only) and W-DMX compatible, Bluetooth enabled
- Data connection: IP65 Seetronic RJ45 IN/OUT
- EtherFlow: Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered
- Low Voltage DC connector: XLR 3p for 48V and XLR 4p for 24V-36V

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 550W
- Output (at 230V): 4 units on a single power line
- Standby power: 110V (60Hz): 16,8W; 230V (50Hz): 16,7W
- Power factor: > 0,95

PHYSICAL
- IP rating: IP65 for temporary outdoor use
- Cooling: forced-air with low-noise fan
- Housing: Weatherproof IP65 construction with die-cast magnesium alloy
- Finish: black
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 819x433x142mm / 32.24"x17.05"x5.59"
- Weight: 19,8kg / 43.65lbs

INSTALLATION
- Suspension and fixing: bracket for truss rigging and hardware for connection of more units

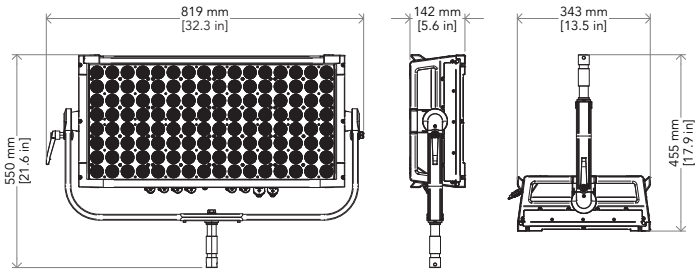
CERTIFICATIONS / REPORTS
- Compliance: CE, RCM, FCC, cTUVus

BOX CONTENT
- 1 x ECLPANELIPHARD2X1
- 1 x ECLFRSPG
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)
- User Manual

ACCESSORIES & RELATED PRODUCTS

FCLPANELIP2X12U	Flight case for 2 pcs of ECLPANELIP2X1HARD or ECLPANELIP2X1SOFT
FCLPANELIP2X13USV	Flight case for 3 pcs of ECLPANELIP2X1HARD or ECLPANELIP2X1SOFT
EPIP2X1MB3VH	Modular yoke for ECLPANELIP2X1 series
EPIP2X1X1RMP2U	Rigging metal plate for ECLPANELIP series to mount the products in arrays, 2U
EPIP2X1X1RMP4U	Rigging metal plate for ECLPANELIP series to mount the products in arrays, 4U
EPTWCBAG1U	Bag for 1 pc of ECLPANELTWC
EPTWCBHEAD	Ball head joint for center mount bracket EPTWCBRK series
EPTWCBRKL	Center mount bracket for ECLPANELTWC and ECLPANELTWCJR4X1
ECLPANELPOYO	Pole operated aluminium yoke bracket for ECLPANELTWC
EPTWCFILTERINT	Front intensified diffusion filter for ECLPANELTWC
EPTWCFILTERHD	Front high diffusion filter (less output)
EPTWCFILTERMD	Front medium diffusion filter (included)
EPSRER	Rabbit-Ears 2x1 Rectangular for ECLPANELTWC by DoP choice
EPSBRL5	Snapbag Lantern 5' for Rabbit-Ears by DoP. Incl. Lantern, Carry Bag
EPSBRL3	Snapbag Lantern 3' for Rabbit-Ears by DoP. Incl. Lantern, Backcovers, Carry Bag
EPSBRL5C4	Cover for Snapbag Lantern 5' (EPSBRL5) by DoP choice; 4 sides, adj. with zipper
EPSBRL3C4	Cover for Snapbag Lantern 3' (EPSBRL3) by DoP choice; 4 sides, adj. with zipper
EPSBRM	SnapBag Medium to be mounted on Rabbit Ears by DoP.
EPSGCM40	40° SnapGrid, to be mounted on Snap Bag Medium (EPSBRM)
EPSBRO3	Snapbag Octa 3' to be mounted on Rabbit-Ears by DoP.
EPSGC3W40	40° SnapGrid, to be mounted on Snap Bag Octa 3' (EPSBRO3)
EPSBRO5	Snapbag Octa 5' to be mounted on Rabbit-Ears by DoP.
EPSGC5W40	40° SnapGrid, to be mounted on Snap Bag Octa 5' (EPSBRO5)
EPSBRO7	Snapbag Octa 7' to be mounted on Rabbit-Ears by DoP.
EPSGC7W40	40° SnapGrid, to be mounted on Snap Bag Octa 7' (EPSBRO7)
EPSBCFNSM	Diffusion MAGIC cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
EPSBCFNSF	Diffusion FULL Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
EPSBCFNSH	Diffusion HALF Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
EPSBCFNSQ	Diffusion QUARTER Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
EPSBCFNSQFM	Diffusion cloth SET(1/4,1/1,MAGIC) for Snapbag 60x90cm (EPTWCSB21) by DoP choice
EPSBCFNSQHF	Diffusion cloth SET (1/4, 1/2,1/1) for Snapbag 60x90cm (EPTWCSB21) by DoP choice
EPTWCLANT21	Snapbag Lantern for ECLPANELTWC by DoP. Incl. Lantern, Backcovers, Carry Bag
EPSGC7W40	40° SnapGrid, to be mounted on Snap Bag Octa 7' (EPSBRO7)
EPSBCFNSM	Diffusion MAGIC cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
EPSBCFNSF	Diffusion FULL Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
EPSBCFNSH	Diffusion HALF Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
EPSBCFNSQ	Diffusion QUARTER Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
EPSBCFNSQFM	Diffusion cloth SET(1/4,1/1,MAGIC) for Snapbag 60x90cm (EPTWCSB21) by DoP choice
EPSBCFNSQHF	Diffusion cloth SET (1/4, 1/2,1/1) for Snapbag 60x90cm (EPTWCSB21) by DoP choice
EPTWCJRLANT21	Snapbag Lantern for ECLPANELTWC by DoP. Incl. Lantern, Backcovers, Carry Bag
SPGM12	28mm spigot for fixtures, M12 bolt
SPGM10	28mm spigot for fixtures, M10 bolt
9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
9533FXWL03	Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket, L.3m
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
AETHERBOXLITE	1 Universe CRMX Wireless Transceiver
AETHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes
LRLUNA	Single Universe DMX transceiver with Bluetooth
TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

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

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**** WARNING *** features, specifications and appearance are subject to change without notice*