EclPanel IPHard2x1

ORDER CODE: ECLPANELIPHARD2X1



Source

550W 6 colour LEDs source

IP rating

IP65 for temporary outdoor use

Weight

19,8kg / 43.65lbs

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

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TECHNICAL SPECIFICATIONS

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

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: 1,282 to 40,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX1 (not included)

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

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, FCC, cTUVus

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

CONNECTIONS

- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
- Signal connection: IP65 Seetronic XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMoTwo - CRMX, CRMX² (RX only) and W-DMX compatible
- 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

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
- Weight: 19,8kg

INSTALLATION

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

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)

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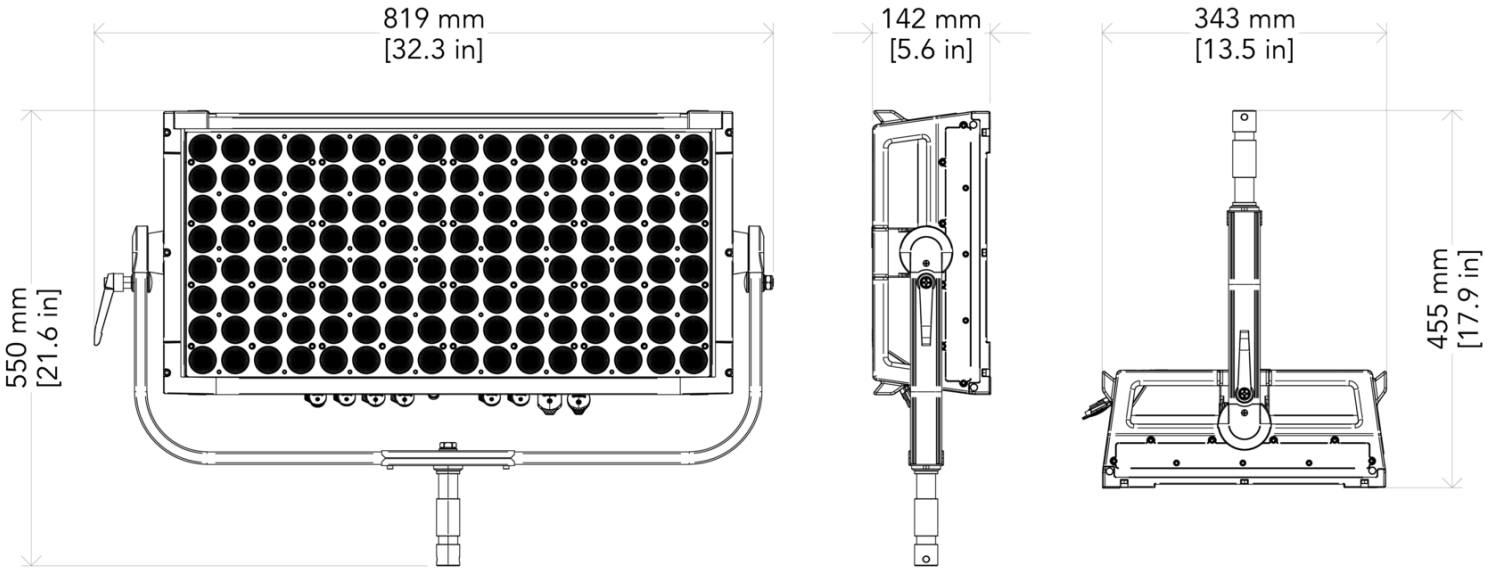
ACCESSORIES & RELATED PRODUCTS

- **FCLPANELIP2X12U** Flight case for 2 pcs of ECLPANELIP2X1HARD or ECLPANELIP2X1SOFT
- **EPIPH2X1DD** Dome Diffuser for ECLPANELIPHARD2X1 series
- **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** Trolley 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
- **EPTWCFILTERHD** Front high diffusion filter (less output) for ECLPANELTWC
- **EPTWCFILTERMD** Front medium diffusion filter for ECLPANELTWC
- **EPTWCFILTERLD** Front low diffusion filter (more output) for ECLPANELTWC
- **ECLFRSPG** Spigot for PROLIGHTS fixtures
- **EPTWCEC30** 30 degree egg crate for ECLPANELTWC
- **EPTWCEC60** 60 degree egg crate for ECLPANELTWC
- **EPTWCEC8C** 8 chamber egg crate for ECLPANELTWC
- **EPTWCBDR2** Barn door with 4 directional flaps to adjust the light beam
- **EPTWCSB21** SnapBag 2x1 for ECLPANELTWC by DoP choice
- **EPTWCSG4SB2140** 40° SnapGrid for SnapBag, 2x1 for ECLPANELTWC by DoP choice
- **EPTWCSG2140** 40° SnapGrid, 2x1 for ECLPANELTWC by DoP choice
- **EPSRER** Rabbit-Ears 2x1 Rectangular for ECLPANELTWC by DoP choice
- **EPSBRL3** Snapbag Lantern 3' for Rabbit-Ears by DoP. Incl. Lantern, Carry Bag
- **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
- **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
- **AETHERBOXONE** IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE
- **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&White& White
- **C6040B** Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
- **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

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TECHNICAL DRAWINGS



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