EclPanel IPSoft2x1

ORDER CODE: ECLPANELIPSOFT2X1



SOURCE	IP RATING	WEIGHT
550W 6 colour LEDs source	**IP65 for temporary outdoor use**	**18,6kg / 41.01lbs**

LUMINOUS FLUX (MAX)	CRI
63'650 lm	**96,4 @3.200K**

TECHNICAL SPECIFICATIONS

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 @6.700 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 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:	1,282 to 40,000 Hz (selectable steps)
Firmware upgrade with:	via DMX with UPBOXPRO/ UPBOX1 (not included)

Downloaded on 07/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

TECHNICAL SPECIFICATIONS

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:	18,6kg

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): 19,4W; 230V (50Hz): 19,1W
Power factor:	> 0,95

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 ECLPANELIPSOFT2X1

1 x ECLFRSPG

1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)

Downloaded on 07/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

ACCESSORIES & RELATED PRODUCTS



FCLPANELIP2X12U
Flight case for 2 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
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



EPTWCFILTERINT
Front intensified diffusion filter 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



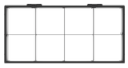
ECLFRSPG
Spigot for PROLIGHTS fixtures



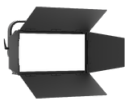
EPTWCEC30
30 degree egg crate for ECLPANELTWC



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



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



UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

Downloaded on 07/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

TECHNICAL DRAWINGS

