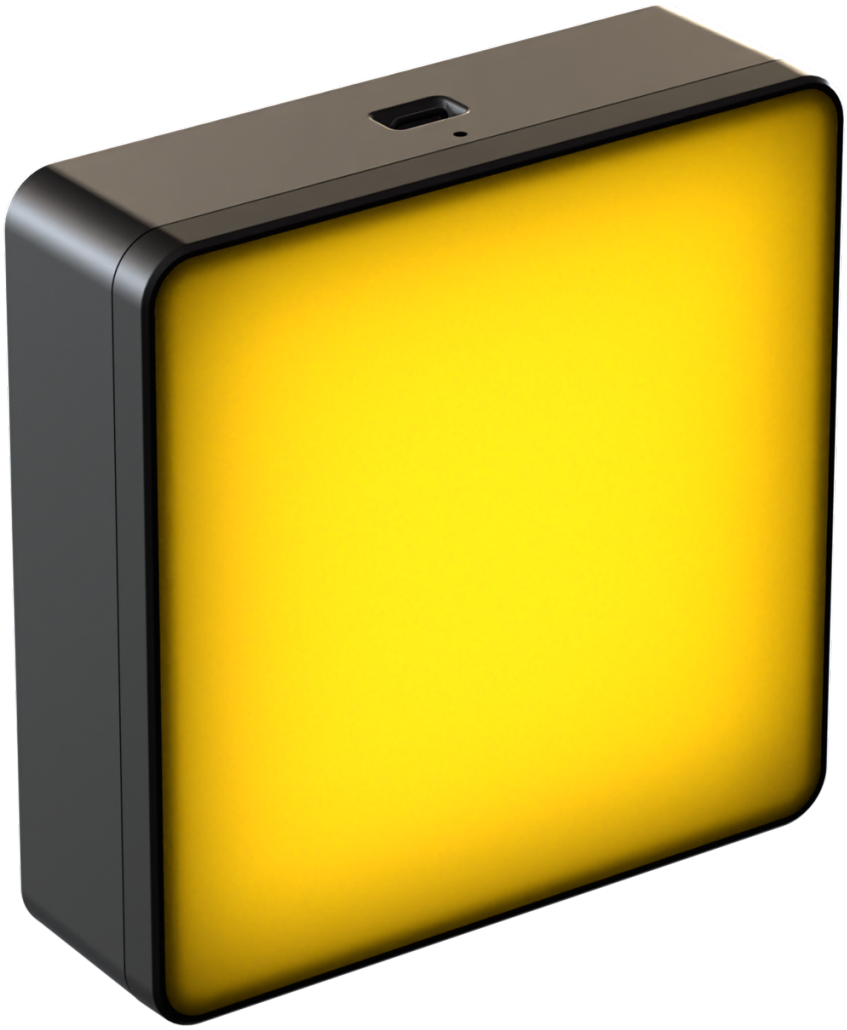
EclNanoPanel TWC

ORDER CODE: ECLNANOPANELTWC



SOURCE	IP RATING	WEIGHT
30W RGB + Warm White LEDs	IP20	1,2kg / 2.65lbs

CRI
94,6 @3.200 K

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	30W RGB + Warm White LEDs
Luminous flux:	1'829 @3.200 K with LD filter
Lux:	690lx @1 m
CRI:	94,6 @3.200 K; 94,9 @5.600 K
R9:	97,1 @3.200 K; 96 @5.600 K
TLCI:	92 @5.600 K
TM30 Rf:	97,7 @3.200 K; 89,3 @5.600 K
TM30 Rg:	102,5 @3.200 K; 102,3 @5.600 K
Source life expectancy:	> 50.000 h

OPTICS

Beam angle:	105°
Field angle:	159°
Lens type:	magnetic light 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
CCT:	Max CCT control range from 2.200K to 15.000K, + / - green correction, tungsten emulation
White presets:	2,800 K - 10,000K
Colour wheel:	virtual colour wheel with macros
Macros:	several pre-built pixel macros with adjustable speed

DYNAMIC EFFECTS

Control Resolution:	16-bit dimmer and color control
Pixel patterns:	pre-programmed pixel macros and cinema lighting effects
FX generator:	4 controllable sections
Static mode:	selection of static colour
Manual mode:	manual adjustment of intensity, CT, colour correction from knob
Auto mode:	built-in programs with execution speed adjustment
Special features:	linear crossfade channel from any white to any colour; virtual CTO on colours

CONTROL

Supported Protocols:	DMX512, RDM, CRMX + WDMX
RDM:	for remote addressing and parameter configuration
Display:	Graphic User Interface
Stand Alone:	selectable mode through 3 rotatory knobs
IR:	infrared sensor controlled by remote (included in the pack, not included in single unit)
Master/Slave:	for synchronised operation of more units linked in a chain

ELECTRONICS

Dimmer:	linear 0 - 100% electronic dimmer
Dimmer curves:	4 selectable dimming modes available
Strobe / shutter:	1 - 30 Hz, electronic
Selectable PWM:	600 to 36,000 Hz (selectable steps)
Firmware upgrade with:	via DMX with UPBOX1+ENPTWCYCABLE (not included)

BATTERY

Battery:	10.8V lithium
Estimated battery life:	up to 2 / 6 / 8 / 12 / 18 h (selectable)
Recharge connection:	USB type C
Recharge time:	2,5h (max)
Battery level indicator:	shown on display

CONNECTIONS

Wireless Connection:	integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
Adaptors:	USB type C to XLR connectors
Low Voltage DC connector:	USB type C

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TECHNICAL SPECIFICATIONS

ELECTRICAL

Mains power supply:	DC 12V
Max power consumption (230V):	32W
Power factor:	>0,97

PHYSICAL

IP rating:	IP20
Cooling:	fan-free with natural convection
Housing:	Die-cast aluminium
Finish:	black
Operating temperature:	Ta 0 to +45 °C (+32 to +113 °F)
Dimensions (WxHxD):	150x150x69,5mm
Weight:	1,2kg

INSTALLATION

Mounting points:	M5 and 1/4" threaded mounting points

CERTIFICATIONS / REPORTS

Compliance:	CE, UKCA, RCM, cTUVus, FCC

BOX CONTENT

1 x ECLNANOPANELTWC

1 x battery charger

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ACCESSORIES & RELATED PRODUCTS



ENPTWCBD
Barn door with 4 directional flaps to adjust the light beam



ENPTWCAS
Fixing system with suction cup for ECLNANOPANELTWC



ENPTWCFILTERINT
Front intensified diffusion filter for ECLNANOPANELTWC



ENPTWCFILTERHD
Front high diffusion filter (less output) for ECLNANOPANELTWC



ENPTWCFILTERMD
Front medium diffusion filter for ECLNANOPANELTWC



ENPTWCFILTERLD
Front low diffusion filter (more output) for ECLNANOPANELTWC



ENPTWCEC30
30 degree egg crate for ECLNANOPANELTWC



ENPTWCEC60
60 degree egg crate for ECLNANOPANELTWC



ENPTWCEC4C
4 chamber egg crate for ECLNANOPANELTWC



ENPTWCRMP
Rear metal plate for ECLNANOPANELTWC



ENPTWCSA
Spigot adapter for ECLNANOPANELTWC



ENPTWCMP4X1
Metal plate to hold multiple ECLNANOPANELTWC together in a 4X1 linear format



ENPTWCMP2X2
Metal plate to hold multiple ECLNANOPANELTWC together as a 2X2 matrix



ENPTWCMP2X1
Metal plate to hold multiple ECLNANOPANELTWC together in a 2X1 linear format



ENPTWCPAJ
Position articulated joint for ECLNANOPANELTWC



ENPTWCPAJSPG
16 mm spigot for ENPTWCPAJ (ECLNANOPANELTWC)



ENPTWCMAG
Fixing system with magnet for ECLNANOPANELTWC and ECLSOFTTUBE100



EST100MAGADP
M10 to M5 adapter to use ENPTWCMAG with ECLNANOPANELTWC and ECLSOFTTUBE100



ENPTWCMAGADP
M10 to 1/4'' adapter to use ENPTWCMAG with ECLNANOPANELTW



EST100FY
Tripod for ECLNANOPANELTWC and ECLSOFTTUBE100



ENPTWCCHARGER
Single charger for ECLNANOPANELTWC



ENPTWCYCABLE
Y Cable from USB-C male to XLR 5P male, XLR 5P female and USB-C female



PRL-IRC
RGBWA IR controller, 29 buttons, manual/static colours, auto programs, fade



AETHERBOXONE
IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE



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

TECHNICAL DRAWINGS

