EclPanel TWCMini2x1

ORDER CODE: ECLPANELTWCM2X1



SOURCE	IP RATING	WEIGHT
115W RGB + Warm White LED	**IP20**	**6kg / 13.23lbs**

CRI
93 @3.200 K

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	115W RGB + Warm White LED
Luminous flux:	7'642 @3.200 K with LD filter
Lux:	220lx @5 m full
CRI:	93 @3.200 K; 94 @5.600 K
R9:	90 @3.200 K; 92 @5.600 K
TLCI:	91 @5.600 K
TM30 Rf:	91 @3.200 K; 90 @5.600 K
TM30 Rg:	105 @3.200 K; 104 @5.600 K
Source life expectancy:	> 50.000 h

OPTICS

Beam angle:	98°
Field angle:	153°
Lens type:	medium 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 with 28 K resolution
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:	linear crossfade channel from any white to any colour; virtual CTO on colours

CONTROL

Supported Protocols:	DMX512, RDM, Art-Net, sACN, W-DMX
Pixel control:	2 linear section control
RDM:	for remote addressing and parameter configuration
Display:	Graphic User Interface
Stand Alone:	selectable mode through 3 rotatory knobs

ELECTRONICS

Dimmer:	linear 0 - 100% electronic dimmer
Dimmer curves:	4 selectable dimming modes available
Strobe / shutter:	1 - 30 Hz, electronic
Selectable PWM:	600 to 40,000 Hz (selectable steps)
Firmware upgrade with:	via DMX with UPBOXPRO/ UPBOX1 (not included)

CONNECTIONS

Power connection:	Neutrik powerCON TRUE1 IN/OUT connectors
Signal connection:	Amphenol XLR 5p IN/OUT connectors
Wireless Connection:	integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
Low Voltage DC connector:	XLR 4p

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Low Voltage DC mains:	48Vdc and 24-36V
Max power consumption (230V):	130W
Output (at 230V):	19 units on a single power line
Power factor:	>0,93

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TECHNICAL SPECIFICATIONS

PHYSICAL

IP rating:	IP20
Cooling:	forced-air with low-noise fan
Housing:	Sturdy die-cast aluminium body
Finish:	black
Operating temperature:	Ta -10 to +45 °C (+14 to +113 °F)
Dimensions (WxHxD):	529x276x144mm
Dimensions with PO system (WxHxD):	547x396x144mm
Weight:	6kg
Weight with PO system:	8,6kg

BOX CONTENT

1 x ECLPANELTWCM2X1

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

1 x ECLFRSPG

INSTALLATION

Suspension and fixing:	bracket for hanging and floor positioning

CERTIFICATIONS / REPORTS

Compliance:	CE, UKCA, RCM, cTUVus, FCC

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ACCESSORIES & RELATED PRODUCTS



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



FCLPANELM2X14U
Flight case for 4 pcs of ECLPANELTWCM2X1



EPTWCBHEAD
Ball head joint for center mount bracket EPTWCBRK series



EPTWCBRKM
Center mount bracket for ECLPANELTWCJR and ECLPANELTWCM2X1



EPTWCM2X1FILTINT
Front intensified diffusion filter for ECLPANELTWCM2X1



ECLPANELM2X1POYO
Pole operated aluminium yoke bracket for ECLPANELTWCM2X1



EPTWCM2X1FILTERHD
Front high diffusion filter (less output) for ECLPANELTWCM2X1



EPTWCM2X1FILTERMD
Front medium diffusion filter for ECLPANELTWCM2X1



EPTWCM2X1FILTERLD
Front low diffusion filter (more output) for ECLPANELTWCM2X1



EPTWCM2X1EC30
30 degree egg crate for ECLPANELTWCM2X1



EPTWCM2X1EC60
60 degree egg crate for ECLPANELTWCM2X1



EPTWCM2X1EC2C
2 chamber egg crate for ECLPANELTWCM2X1



EPTWCM2X1BD
Barndoor for ECLPANELTWCM2X1 with 4 directional flaps to adjust the light beam



ECLFRSPG
Spigot for PROLIGHTS fixtures



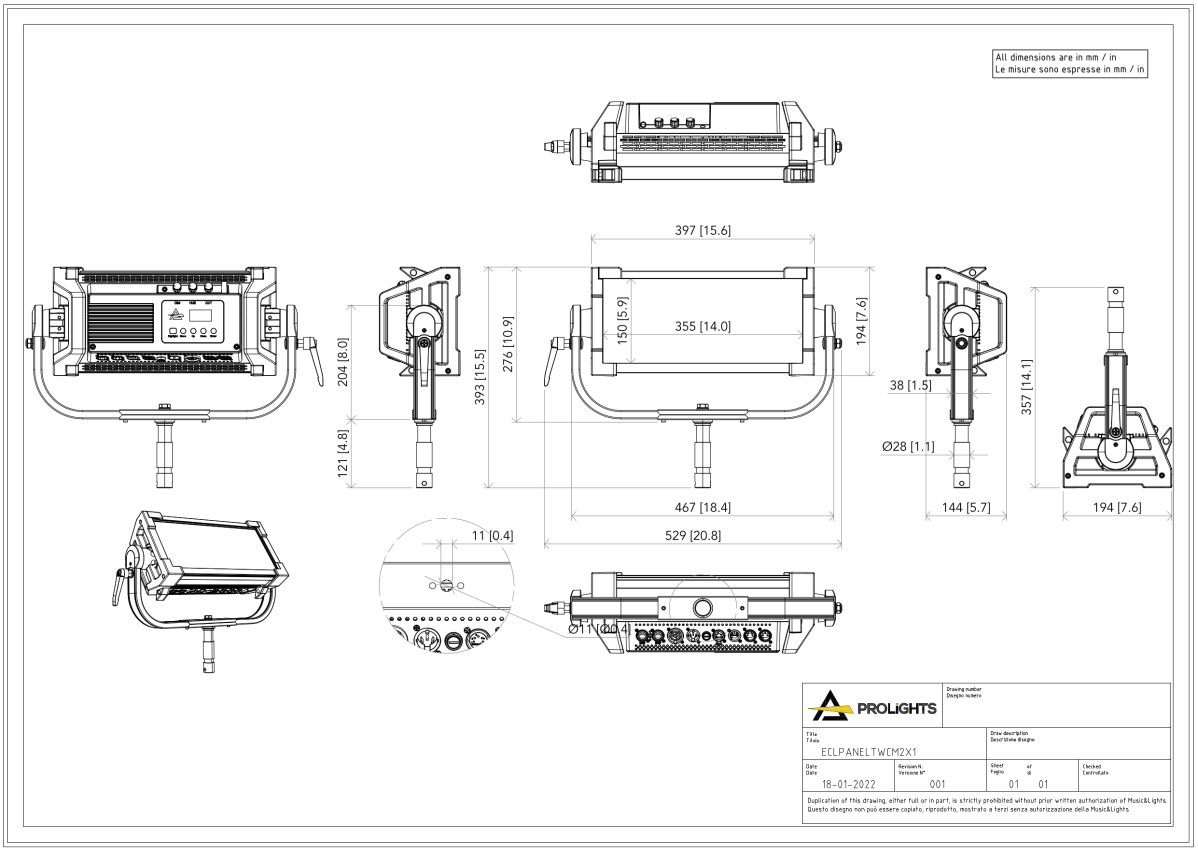
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

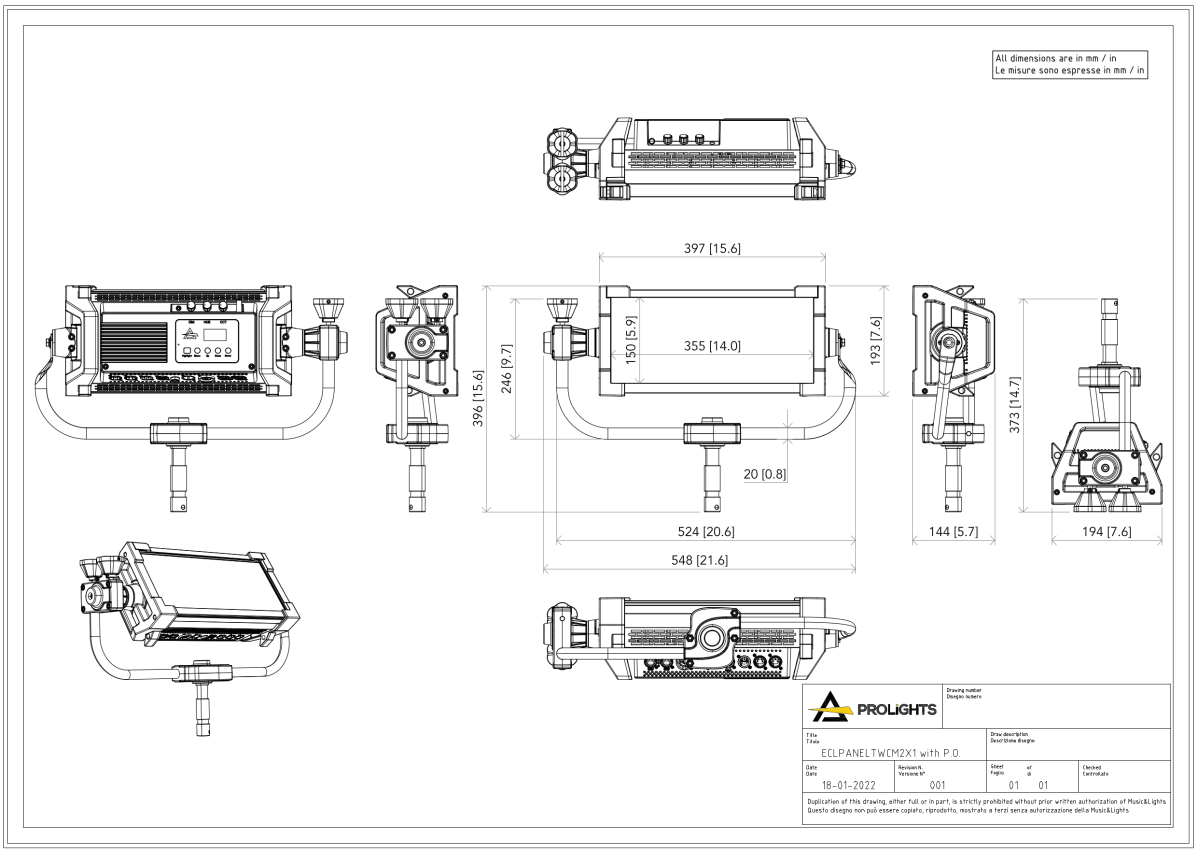


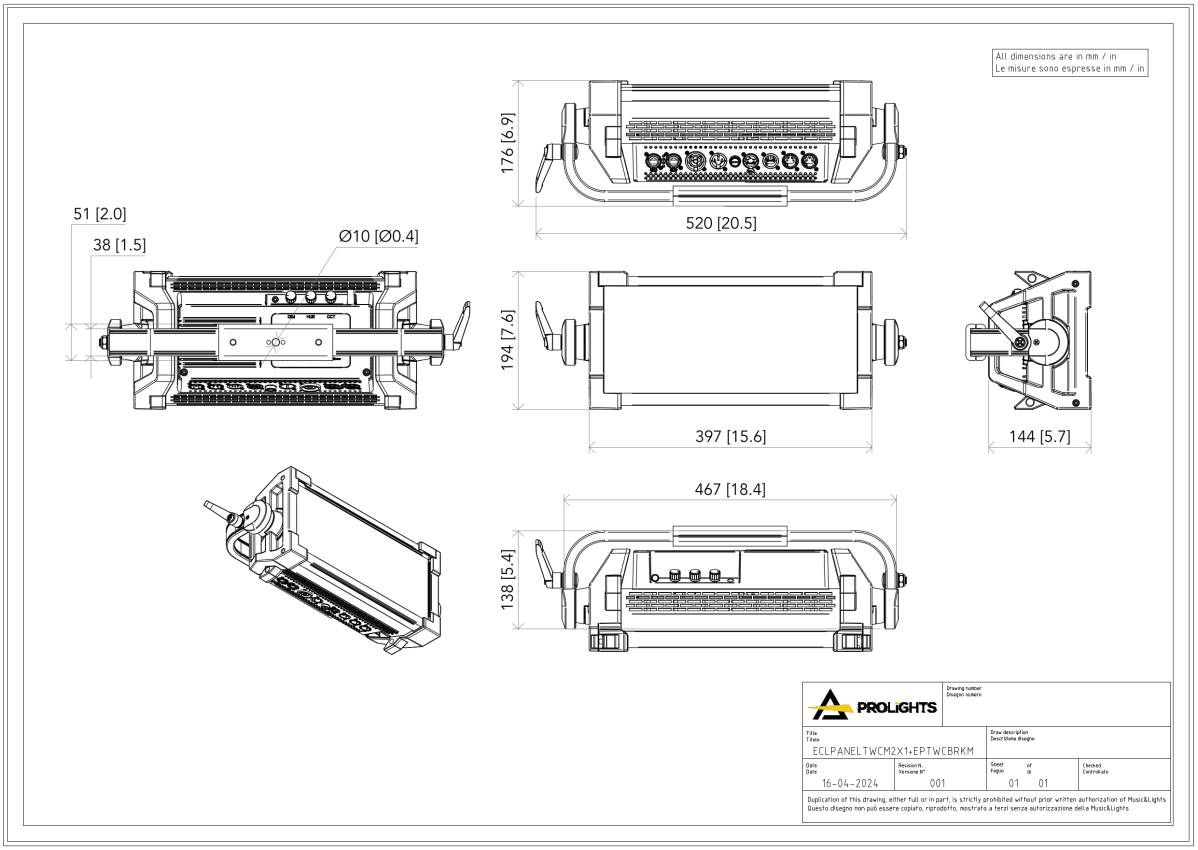
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

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TECHNICAL DRAWINGS

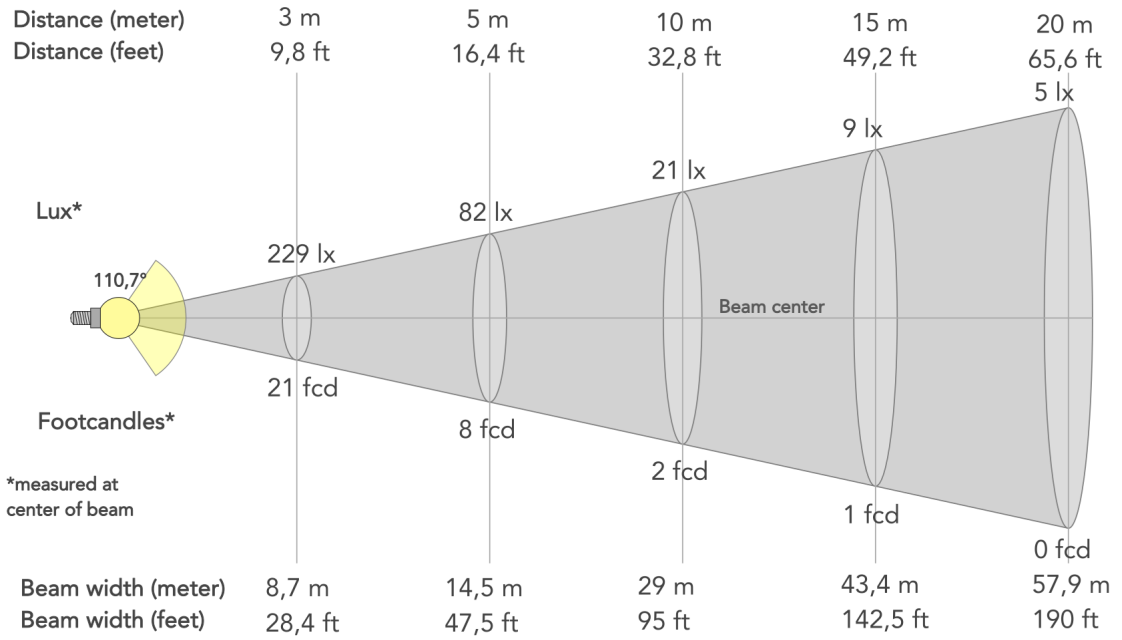





All dimensions are in mm / in
Le misure sono espresse in mm / in
176 [6.9]
520 [20.5]
51 [2.0]
38 [1.5]
Ø10 [Ø0.4]
194 [7.6]
397 [15.6]
144 [5.7]
467 [18.4]
138 [5.4]
PROLIGHTS
ECLPANELTWCM2X1+EPTWCBRKM
16-04-2024
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01
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PHOTOMETRICS

Full On HQ - Filter HD



Beam angle (50%): **110.7°**	Field angle (10%): **156.7°**	Cut-off angle (2.5%): **167.6°**