

EclSoft Tube100

100 cm, battery-powered soft tube for Film & TV, IP65, with an RGB + Warm White LED source, wireless or wired

ORDER CODE: **ECLSOFTTUBE100**



TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 48 W RGB + Warm White
- Luminous flux: 2'386 @full
- Lux: 71 lx @3 m
- Lux: 161 lx @2 m
- CRI: 93
- R9: 92
- TLCI: 91
- TM30 Rf: 91
- TM30 Rg: 105
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: 128 °
- Field angle: 199 °
- Lens type: frosted acrylic tube

COLOUR SYSTEM

- Colour control: XY, CCT, RGBW, Gel, HSI, Source Emulation, colour macros, CTO on colours
- Colour mixing: RGB + Warm White
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets: 2.800 K - 10.000 K with 28 K resolution
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-built pixel macros with adjustable speed

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer, colours
- Pixel patterns: pre-programmed pixel macros and cinema lighting effects patterns
- FX generator: 16 sections with adjustable foreground/background colour, index, speed, direction
- Static mode: selection of static colour
- Manual mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment
- Special features: linear crossfade channel from any white to any colour; virtual CTO on colours

BODY

- Body: sturdy polycarbonate and die casting aluminium
- Body colour: black on the back and white wash on the front

CONTROL

- Protocols: Art-Net, Kling-Net, sACN, CRMX+W-DMX
- DMX channels: main personality 1 / 2 / 13 / 14 / 18 / 19 / 20 / 23 / 33 / 43 channel
- Wireless Control: included, LumenRadio Timo Fx DMX/RDM compatible (included: CRMX (4 channels), RDM (4 channels), W-DMX (2 channels), DMX (4 channels))



The **EclSoft Tube100** is a multipurpose, IP65 wireless linear pixel tube designed for Film & TV, indoor and outdoor environments. The **EclSoft Tube100** has a 48W RGB + Warm White LED source with 16 independently-controlled sections. Similar to the other fixtures in the soft light range, it has an RGBW mode, RGB, CMY, HSI, XY, RAW Direct, CCT Linear and CCT Presets with +/- green shift, source emulation and industry-standard colour gels. This fixture has high-quality tunable white with ultra-high CRI, as well as on-board cinema effects and pixel effects. This fixture is also "Spektra™ Calibrated", sharing the same colour calibration standard as some other luminaires. The **EclSoft Tube100** can be used wirelessly with its on-board battery and Wireless DMX control (CRMX + W-DMX). There is also a wired connection for mains power and an ethernet port for Art-Net or s/ACN.

MAIN FEATURES

- Hybrid fixture, Wireless DMX (CRMX+W-DMX) / ethernet control, battery/mains power
- Pixel control, on-board cinema pixel engine, RGB + Warm White LED source with high CRI (up to 93) and TLCI
- IP65 for outdoor applications

ECLST100PACK

- | | |
|----------------------------|-----------------------------|
| • 1 x ABS case | (EST100OS with |
| • 8 x ECLSOFTTUBE100 | ENPTWCMAG) |
| • 1 x 8-way charger | • 16 x baby pins |
| (EST100POWER8) | (EST100BP) |
| • 8 x tripods (EST100FY) | • 8 x wingplate (EST100WP) |
| • 16 x eyebolts (EST100EB) | • 2 x crossplate (EST100CP) |
| • 16 x clamps with magnets | |

- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1+EST100UPBOX1) not included
- 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
- Operating temperature: 0° ~ +45°
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 3.000 / 6.000 / 12.000 / 24.000 Hz

ELECTRICAL

- Max power consumption: 34 W
- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: 24V
- Power factor: >0,96

BATTERY

- Battery: 24 V lithium
- Estimated battery life: Selectable 3h / 6h / 8h / 12h / 16h / 18h
- Re-charge connection: DC with jack and AC with standard powercon connector
- Re-charge time: 5 h/max
- Battery status: shown on display
- Other: Battery recharge in AC and DC, operation in main power with possibility to disable battery recharge through software and charging operation in flightcase through external charger

PHYSICAL

- IP rating: IP65 for temporary outdoor application, not for fixed installations
- Cooling: passive cooling and fan-free
- Suspension and fixing: M5 threaded insert for eye bolt, floor stand and clamp for wall installation
- Data connection: Seetronic RJ45 IP65 IN
- Power connection: DC connector for battery recharge and Seetronic powerCON TRUE IP65 IN
- Dimensions (WxHxD): 1.163x50x50 mm
- Weight: 2,4 kg

CERTIFICATIONS / APPROVALS

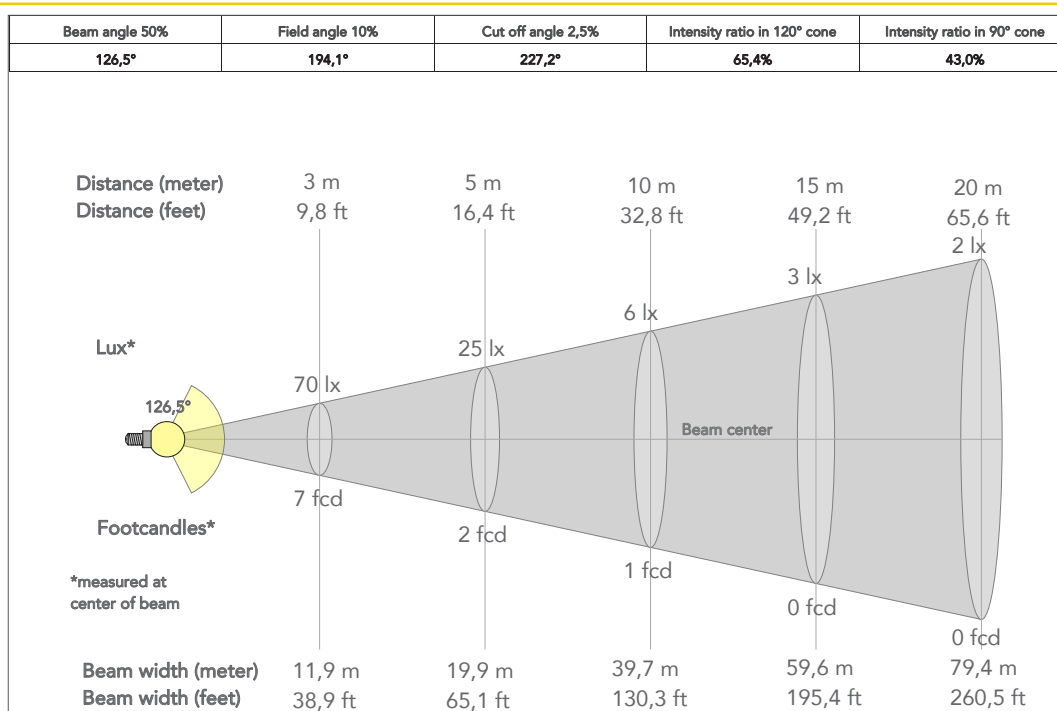
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

ACCESSORIES & RELATED PRODUCTS

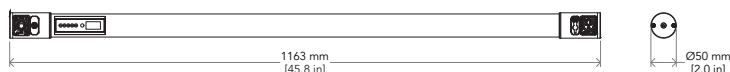
▪ EST100OSPLUS	Clamp for ECLSOFTTUBE100	▪ EST100SB	SnapBag per fino a 4 pcs ECLSOFTTUBE100 by DoP choice
▪ EST100OS	Clamp kit for ECLSOFTTUBE100	▪ EST100SG40	40° SnapGrid, for ECLSOFTTUBE100 by DoP choice
▪ ENPTWCMAG	Fixing system with magnet for ECLNANOPANELTWC and ECLSOFTTUBE100	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ EST100MAGADP	M10 to M5 adapter to use ENPTWCMAG with ECLNANOPANELTWC and ECLSOFTTUBE100	▪ 9333FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, SETSAC3FX socket, L.3m
▪ EST100FY	Tripod for ECLSOFTTUBE100	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ EST100EB	Eyebolt for ECLSOFTTUBE100	▪ LRLUNA	Single Universe DMX transceiver with Bluetooth
▪ EST100BP	Baby Pin for ECLSOFTTUBE100	▪ EST100UPBOXI	Interface for UPBOX1 and ECLSOFTTUBE100 for do firmware upgrade and DMX control
▪ EST100WP	Wingplate for ECLSOFTTUBE100	▪ IPTESTBOX	Portable vacuum and pressure tester for ProLights IP fixtures
▪ EST100SPCR	Spacer for ECLSOFTTUBE100	▪ UPBOX1UP5	Firmware uploader kit, USB IN, 5p XLR DMX OUT, DMX OUT
▪ EST100CP	Crossplate for ECLSOFTTUBE100	▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ EST100POWER	Single charger for ECLSOFTTUBE100		
▪ EST100POWER8	8-way charger for ECLSOFTTUBE100		
▪ PRL-IRC	RGBWA IR controller, 29 buttons, manual/static colours, auto programs, fade		

PRESET FUL ON

Beam angle 50%: 126,5°



TECHNICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

Visit our website
for specifications and
tech documentations

