EclSoft Tube100

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

ORDER CODE: **ECLSOFTTUBE100**

Spektra®

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 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 96) and TLCI
- IP65 for outdoor applications

ECLST100PACK

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

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source:48 W RGB + Warm White
- Luminous flux:2343 lm @full
- Lux:70 lx @3 m
- Lux:158 lx @2 m
- CRI:93
- R9:94
- TLCI:90
- TM30 Rf:91
- TM30 Rg:106
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle:126 °
- Field angle:194 °
- Lens type: frosted acrylic tube

COLOUR SYSTEM
- 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 policarbonate and die casting aluminium
- Body colour: black with white wash strips

CONTROL
- Protocols: Art-Net, Kling-Net, sACN, W-DMX
- DMX channels:main personality 1 / 2 / 17 / 27 / 28 / 35 / 44 channel
- Wireless Control: included, LumenRadio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings

- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- Hibernation: power safe mode when lost DMX
- 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 kHz

ELECTRICAL
- Max power consumption:48 W
- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains:15V
- Power factor:>0,97

BATTERY
- Battery: V lithium
- Estimated battery life:(selectable) 3 h - 6 h - 8 h - 12 h - 18 h
- Re-charge connection: power cable
- 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 throught 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: magnetic DC connector for battery recharge and Seetronic powerCON TRUE IP65 IN
- Dimensions (WxHxD):1.244x50x69 mm
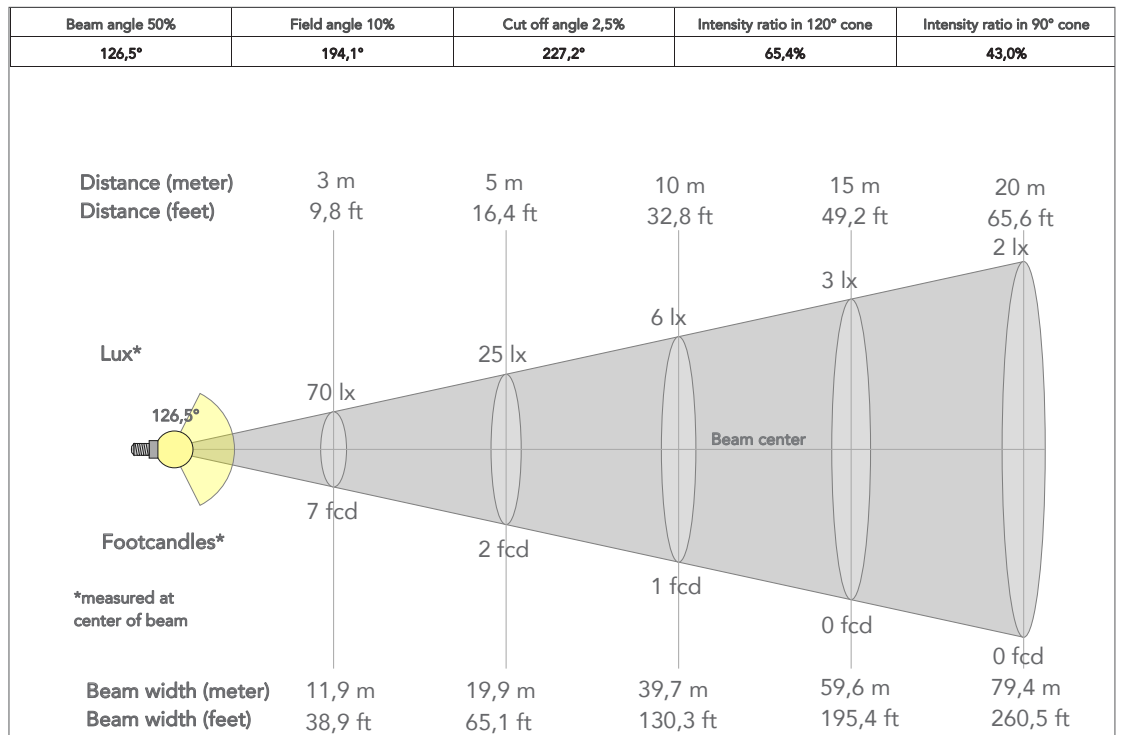- Weight:2,4 kg

CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC
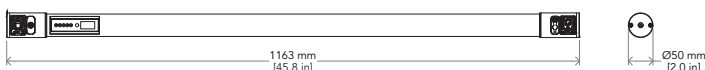
ACCESSORIES & RELATED PRODUCTS

- **EST100OS** — Clamp kit for ECLSOFTTUBE100
- **ENPTWCMAG** — Fixing system with magnet for ECLNANOPANELTWC and ECLSOFTTUBE100
- **EST100MAGADP** — M10 to M5 adapter to use ENPTWCMAG with ECLNANOPANELTWC and ECLSOFTTUBE100
- **EST100FY** — Tripod for ECLSOFTTUBE100
- **EST100EB** — Eyebolt for ECLSOFTTUBE100
- **EST100BP** — Baby Pin for ECLSOFTTUBE100
- **EST100WP** — Wingplate for ECLSOFTTUBE100
- **EST100SPCR** — Spacer for ECLSOFTTUBE100
- **EST100CP** — Crossplate for ECLSOFTTUBE100
- **EST100POWER** — Single charger for ECLSOFTTUBE100
- **EST100POWER8** — 8-way charger for ECLSOFTTUBE100
- **PRL-IRC** — RGBWA IR controller, 29 buttons, manual/static colours, auto programs, fade
- **EST100SB** — SnapBag per fino a 4 pcs ECLSOFTTUBE100 by DoP choice
- **EST100SG40** — 40° SnapGrid, for ECLSOFTTUBE100 by DoP choice

- **C6002B** — Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- **9333FXWL03** — Ass. 3x2.5mm TH07 cable, SHUKO plug, SETSAC3FX socket, L.3m
- **RSR0630B** — Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
- **WSBBF1G5** — BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
- **WSBBF1G6** — BlackBox F-1 G6 transrec, 512ch, 2.45GHz, DMX&RDM,Bluetooth,G3,G4,G4S, G5, CRMX
- **WSBBR512G5** — BlackBox R-512 G5 receiver 512Ch, 2.45GHz & 5.8GHz, DMX/RDM optional
- **WSBBR512G6** — BlackBox R-512 G6 receiver 512Ch, 2.45GHz,DMX&RDM,Bluetooth,G3,G4,G4S,G5,CRMX
- **EST100UPBOXI** — Interface for UPBOX1 and ECLSOFTTUBE100 for do firmware upgrade and DMX control
- **IPTESTBOX** — Portable vacuum and pressure tester for ProLights IP fixtures
- **UPBOX1UP5** — Firmware uploader kit, USB IN, 5p XLR DMX OUT, DMX OUT

PRESET FUL ON

Beam angle 50%: 126,5°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
126,5°	194,1°	227,2°	65,4%	43,0%

Distance (meter)	3 m	5 m	10 m	15 m	20 m
Distance (feet)	9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft
Lux*	70 lx	25 lx	6 lx	3 lx	2 lx
Footcandles*	7 fcd	2 fcd	1 fcd	0 fcd	0 fcd
Beam width (meter)	11,9 m	19,9 m	39,7 m	59,6 m	79,4 m
Beam width (feet)	38,9 ft	65,1 ft	130,3 ft	195,4 ft	260,5 ft

126,5°
Beam center
*measured at center of beam

TECHICAL DRAWINGS

1163 mm [45.8 in] Ø50 mm [2.0 in]

CERTIFICATIONS / APPROVALS

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

Visit our website for specifications and tech documentations