

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**



The **EclSoft Tube100** is a multipurpose linear pixel tube designed for Film & TV, indoor and outdoor environments. Its precise and high-quality tunable white with ultra-high CRI, as well as the on-board cinema effects and pixel effects, make the **EclSoft Tube100** the perfect soft light fixture for Film, TV and even touring applications. The unit includes an RGB + Warm White LED source, allowing precise white tones as well as perfectly mixed pastels and saturated colours, or even controlling the 16-pixel section independently. **EclSoft Tube100** brings ultimate color control: RGBW, RGB, CMY, HSI, XY, RAW Direct, CCT Linear and CCT Presets with +/- green shift, Source emulation and industry-standard Color gels. The **EclSoft Tube100** can be used wirelessly with an on-board battery and Wireless DMX control (CRMX + W-DMX), or controlled using RDM, wired connections through the built-in PSU or Ethernet via Art-Net or sACN

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

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 48 W RGB + Warm White
- Luminous flux: TBD lm
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- Lux: TBD lx
- Lux: TBD lx
- CRI: TBD
- R9: TBD
- TLCI: TBD
- TM30 Rf: TBD
- TM30 Rg: TBD
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: 120 °
- Field angle: 180 °
- Pixel pitch: 1 mm
- 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
- 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 body
- 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, Lumen Radio 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: 600 ~ 25.000 Hz

ELECTRICAL

- Max power consumption: 48 W
- Mains power supply: 100-240V - 50/60Hz
- Power factor: >0,97

BATTERY

- Battery: V lithium
- Estimated battery life: (selectable) 3 h - 6 h - 8 h - 12 h - 18 h
- Estimated battery life in colour change mode up to: 12 h
- Estimated battery life in single colour mode up to: 12 h
- Estimated battery life in full-mode up to: 8 h
- Re-charge connection: power cable
- Re-charge time: 5 h/max
- Battery status: shown on display
- Other: built-in PSU for work with main voltage jumping battery

PHYSICAL

- IP rating: IP65 for temporary outdoor application, not for fixed installation
- 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: Seetronic powerCON TRUE IP65 IN
- Dimensions (WxHxD): 1.244x50x69 mm
- Weight: 2,40 kg

CERTIFICATIONS / APPROVALS

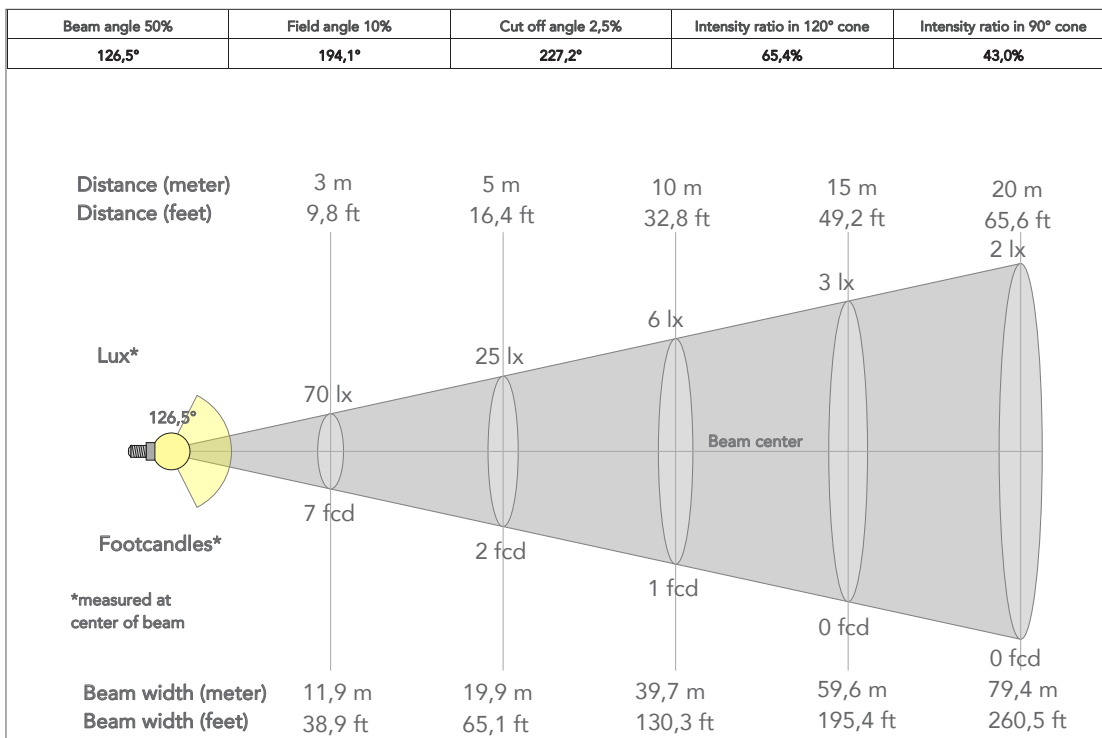
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

ACCESSORIES & RELATED PRODUCTS

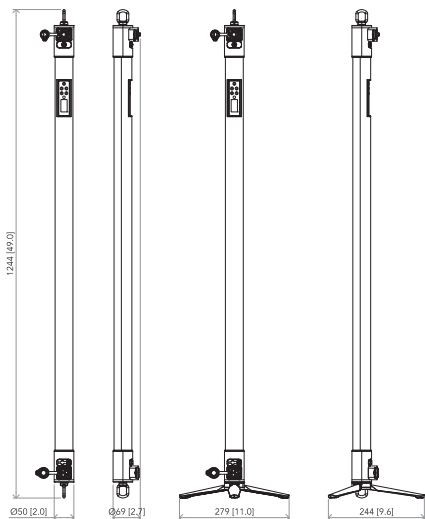
- 9333FXWL03 Ass. 3x2.5mm TH07 cable, SHUKO plug, SETSAC3FX socket, L.3m
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- EST100BP Baby Pin for ECLSOFTTUBE100
- EST100EB Eyebolt for ECLSOFTTUBE100
- EST100FY Tripod for ECLSOFTTUBE100
- EST100OS Clamp kit for ECLSOFTTUBE100
- EST100POWER Single charger for ECLSOFTTUBE100
- PRL-IRC RGBWA IR controller, 29 buttons, manual/static colours, auto programs, fade
- 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,Blue tooth,G3,G4,G4S,G5,CRMX

PRESET FUL ON

Beam angle 50%: 126,5°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



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

Visit our website for specifications and tech documentations

