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EclSoft Tube100

PROLIGHTS

ORDER CODE: ECLSOFTTUBE100



Source

48W RGB + Warm White LEDs

IP rating

IP65 for temporary outdoor use

Weight

2,4kg / 5.29lbs

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 93) and TLCI
- IP65 for outdoor applications

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TECHNICAL SPECIFICATIONS

OPTICS

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

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer and color control
- Pixel patterns: pre-programmed pixel macros and cinema lighting effects
- 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

CONTROL

- Supported Protocols: Art-Net, sACN, CRMX+W-DMX, Kling-Net
- DMX channels: main personality 1 / 2 / 13 / 14 / 18 / 19 / 20 / 23 / 33 / 43ch
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- 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: 3,000 to 24,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOX1+EST100UPBOXI (not included)

PHYSICAL

- IP rating: IP65 for temporary outdoor use
- Cooling: fan-free with natural convection
- Housing: Sturdy polycarbonate body with die-cast aluminium parts
- Finish: black
- Operating temperature: Ta 0 to +45 °C (+32 to +113 °F)
- Dimensions (WxHxD): 1163x50x50mm
- Weight: 2,4kg

BOX CONTENT

- 1 x ECLSOFTTUBE100
- 1 x 1,5 meters power cable (BARE END - SEETRONIC IP65 power connector)

LIGHT SOURCE

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

COLOUR SYSTEM

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

BATTERY

- Battery: 14,8V lithium
- Estimated battery life: up to 3 / 6 / 8 / 12 / 16 / 18 h (selectable)
- Recharge connection: DC with jack and AC with standard powercon connector
- Recharge time: 5h (max)
- Battery level indicator: 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

CONNECTIONS

- Power connection: DC connector for battery recharge and Seetronic powerCON TRUE IP65 IN
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Data connection: Seetronic RJ45 IP65 IN

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: 24V
- Max power consumption (230V): 34W
- Power factor: >0,96

INSTALLATION

- Mounting points: M5 threaded mounting points for eye bolts and brackets

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, FCC

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ACCESSORIES & RELATED PRODUCTS



EST100OSPLUS
Clamp 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 ECLNANOPANELTWC and 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



EST100SG40
40° SnapGrid, for ECLSOFTTUBE100 by DoP choice



EST100SB
SnapBag per fino a 4 pcs ECLSOFTTUBE100 by DoP choice



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



AETHERBOX
IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready



C6002B
Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black



RSR0630B
Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black



EST100UPBOXI
Interface for UPBOX1 and ECLSOFTTUBE100 for firmware upgrade and DMX control



IPTESTBOX
Portable vacuum and pressure tester for ProLights IP fixtures



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

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TECHNICAL DRAWINGS







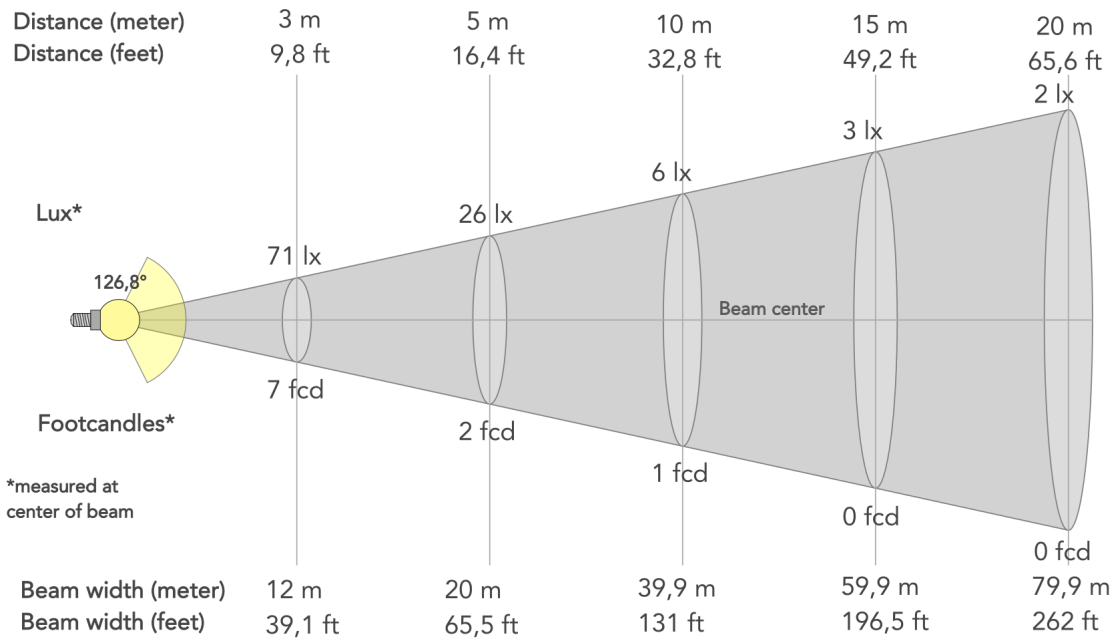
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PHOTOMETRICS

Full On - Native



Beam angle (50%): **126.8°**	Field angle (10%): **194.6°**	Cut-off angle (2.5%): **225.1°**

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