

EclPendant Jr

100W White LED source, innovative pendant light



The **EclPendant Jr** is a beautifully designed house light packed with high-performing technology that makes any venue well-lit whilst staying eco-friendly. This innovative series of pendant lights come with a wide selection of LED sources, a full range of optics, accessories, mounting options and control. The **EclPendant Jr** has a 100-Watt LED source. Its source varies in RGB + Warm White, 3,000K, 4,000K or 5,600K. They all have high-quality light output, a consistent colour temperature and unmatched durability. Several advanced user settings are available from the unit's on-board GUI and control protocols like DALI, DMX + RDM and Wireless DMX (CRMX + W-DMX). The **EclPendant Jr** was made for several uses - its mounting options include pendant, surface, stem, wall mount, adjustable bracket, and recessed. It's also possible to wire the EclPendant series directly to mains (100-240AC or 48DC) and DMX or DALI through terminal blocks or feed power and DMX using the TrueOne and DMX connections. The fixture has a wide range of optics and accessories available, with an uncompromising approach to flexibility and precision. All the optics are easily changeable on-site, providing a hassle-free user experience. The **EclPendant Jr** has a fan-free thermal design and delivers a powerful and consistent lumen output over a long lifespan.

NOTE: the hanging bracket does not come with the product

VERSIONS

Code	Housing
ECLPENDANTJRTUBK	Black
ECLPENDANTJR DYBK	Black
ECLPENDANTJRNWBK	Black
ECLPENDANTJRTUWH	White
ECLPENDANTJR DYWH	White
ECLPENDANTJRNWWH	White

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 100W COB LED
- CCT: see available variants
- Luminous flux: (TU) 6'948 lm; (NW) 7'401 lm; (DY) 7'706 @Full
- Lux: (TU) 1'372 lx; (NW) 1'524 lx; (DY) 1'600lx @5 m full
- CRI: (TU) > 96 - (NW) > 96 - (DY) > 94
- R9: (TU) > 98 - (NW) > 92 - (DY) > 97
- TLCI: (TU) > 95 - (NW) > 97 - (DY) > 97
- TM30 Rf: (TU) > 94 - (NW) > 93 - (DY) > 91
- TM30 Rg: (TU) < 105 - (NW) < 103 - (DY) < 103
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Beam angle: 20°
- Field angle: 40°
- Lens diameter: 122mm / 4.8"
- Lens type: fresnel lens
- Other: see available accessories

COLOUR SYSTEM

- Colour mixing: see available versions
- DYNAMIC EFFECTS
- Static mode: selection of static dimmer
- Manual mode: manual adjustment of dimmer and strobe
- Auto mode: built-in programs with execution speed adjustment

BODY

- Body: sturdy die-cast aluminium body
- Body colour: RAL 9004 or RAL 9010
- CONTROL
- Protocols: DALI Type6, DMX512, RDM, CRMX
- DMX channels: UNO / DUO / Standard / Extendedchannel
- 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

MAIN FEATURES

- 100W LED source power, RGB + Warm White, 3,000K, 4,000K or 5,600K with passive cooling
- AC or DC power input. Control via DALI, DMX, RDM, Wireless DMX (CRMX+W-DMX)
- Extensive mounting option possibilities, optics and accessories are all easily changeable

- Display: Graphic User Interface
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (USB-DMX interface not included)
- Other: 16bit control of dimmer

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1-30 Hz, electronic
- Operating temperature: -10° ~ +45° Ta
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 40.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: DC 48V for emergency light use
- Max power consumption: 105W
- Output (at 230V): 24 units on a single power line
- Power factor: > 0,93

PHYSICAL

- IP rating: IP20
- Cooling: Heatsink with heat pipes, natural convection cooling enabled by a fanless design and a chassis engineered for passive heat dissipation
- Suspension and fixing: bracket for hanging and positioning (bracket not included on the product)
- Signal connection: screw terminal block, Amphenol XLR 5p IN/OUT connectors
- Power connection: screw terminal block, Neutrik powerCON TRUE1 IN/OUT connectors
- Low Voltage DC connector: DC 48V through screw terminal block
- Dimensions (WxHxD): 170x321x170mm / 6.69"x12.64"x6.69"
- Weight: 5kg / 11.02lbs

CERTIFICATIONS / APPROVALS

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

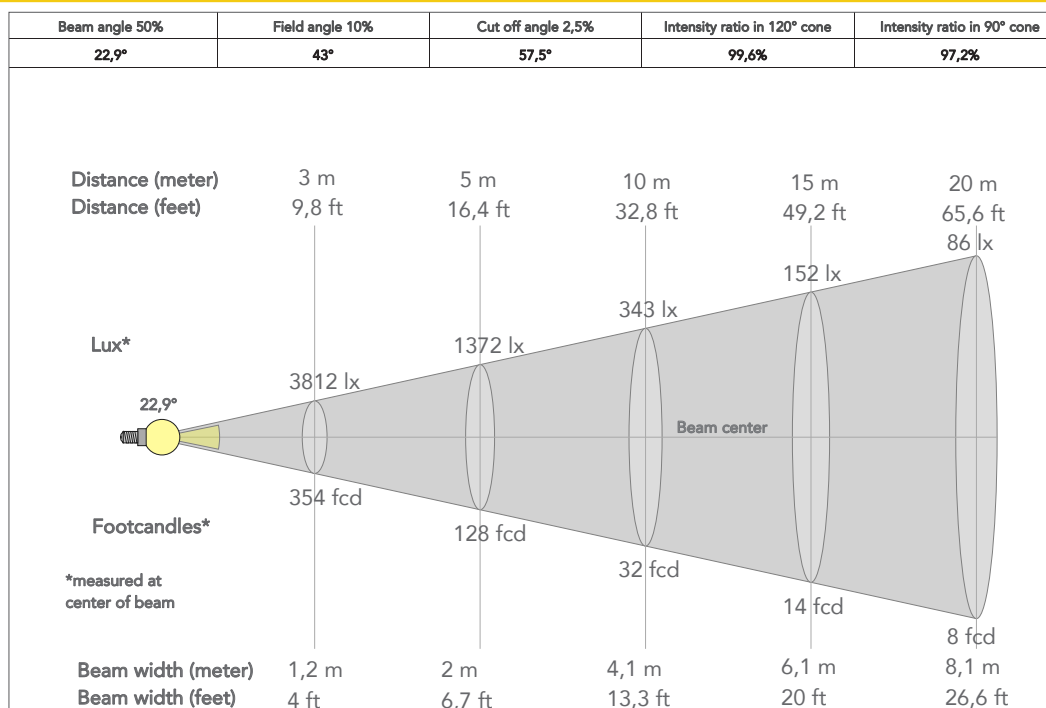
ACCESSORIES & RELATED PRODUCTS

- ECLPENDJRCGH Optional cable glands holder for ECLPENDANTJR
- ECLPENDJRLENS20/40/60 ECLPENDANTJR series lens 20°/40°/60°
- ECLPENDJRHGBRKBK/WH Hanging bracket for ECLPENDANTJR series, black/white housing
- ECLPENDJRRECKITBK/WH Ceiling recessed kit for ECLPENDANTJR series, black/white housing
- ECLPENDJRHSNOOTBK/WH Half snoot for ECLPENDANTJR series, black/white housing
- ECLPENDJRFSNOOTBK/WH Full snoot for ECLPENDANTJR series, black/white housing
- ECLPENDJRHLOUVBK/WH Honeycomb louvre for ECLPENDANTJR series, black/white housing
- ECLPENDJRCLOUVBK/WH Concentric louvre for ECLPENDANTJR series, black/white housing
- ECLPENDJRBDBKWH Barn door with 8 directional flaps to adjust the light beam, ECLPENDANTJR, black/white
- ECLPENDWALLBRKBK/WH Wall mounting bracket for ECLPENDANT and ECLPENDANTJR series, black/white housing

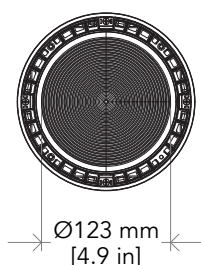
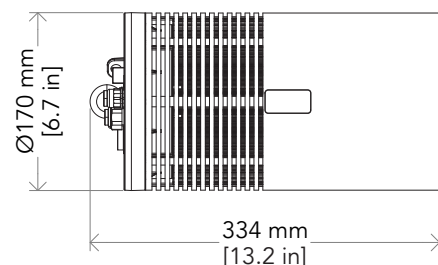
- ECLPENDJCEILKITBK/WH Ceiling adapter kit for ECLPENDANTJR series, black/white housing
- TOUR53415L03 Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- RSR0630B Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
- 9533FXWL03 Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
- 9513FXWL03 Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
- 958225L03 3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
- UPBOXPRO Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

PRESET FULL ON (TU)

Beam angle 50%: 22,9°



TECHNICAL DRAWINGS



CERTIFICATIONS / APPROVALS



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

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