

# 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   |
| ECLPENDANTJRDBYBK | Black   |
| ECLPENDANTJRNWBK  | Black   |
| ECLPENDANTJRTUWH  | White   |
| ECLPENDANTJRDBYWH | White   |
| ECLPENDANTJRNWWH  | White   |

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 100 W 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) 1'600 lx @5 m full
- CRI: (TU) > 96 - (NW) > 96 - (DY) > 94
- R9: (TU) > 98 - (NW) > 92 - (DY) > 97
- TLCl: (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: 122 mm
- 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 / Extended 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 (UPBOXPRO/UPBOX1) not included

## 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

- 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°
- 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: 105 W
- Output (at 230V): 24 units on a single power line
- Power factor: > 0,93
- Inrush current: 110VAC/4.4A, 230VAC/13.9A

### PHYSICAL

- IP rating: 20
- Cooling: Heatsink with heat pipes, passive cooling and fan-free
- 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): 170x321x170 mm
- Weight: 5 kg

### CERTIFICATIONS / APPROVALS

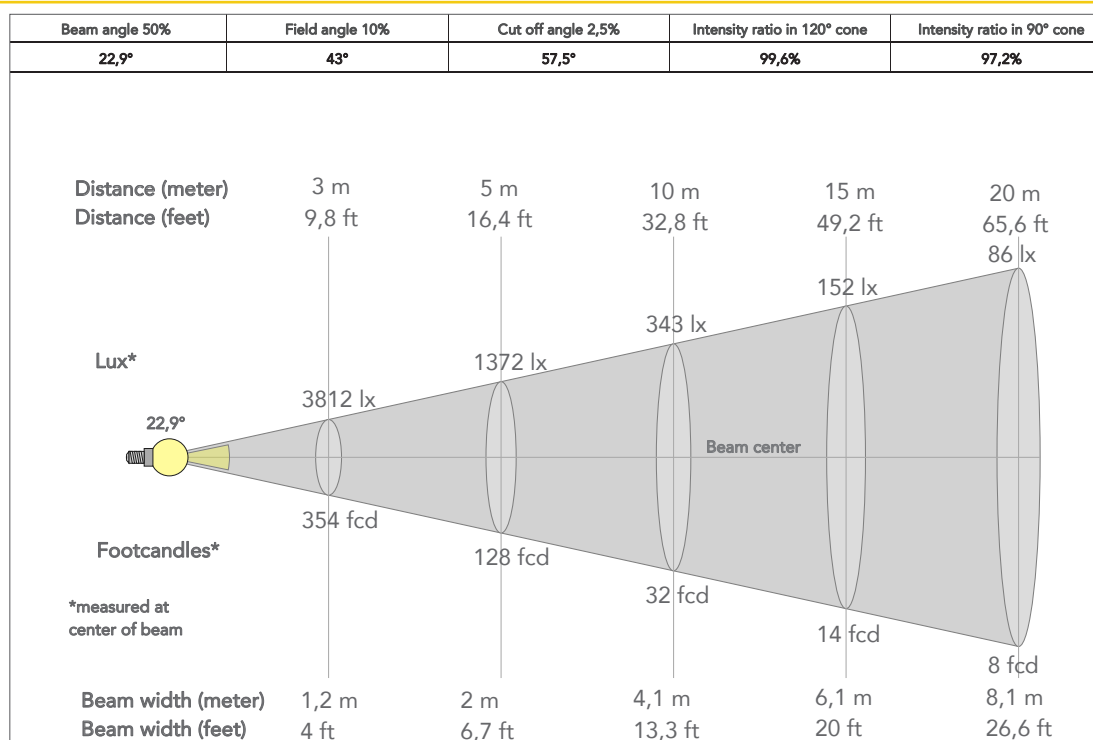
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

## ACCESSORIES & RELATED PRODUCTS

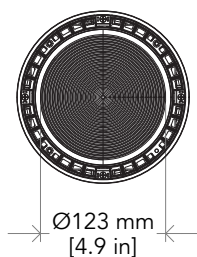
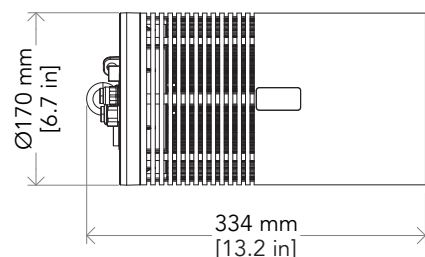
|                         |   |                |   |
|-------------------------|---|----------------|---|
| ▪ ECLPENDJRLENS20/40/60 | ECLPENDANTJR series lens 20°/40°/60°  | ▪ UPBOX1UP5    | Firmware uploader kit, USB IN, 5p XLR DMX OUT, DMX OUT                      |
| ▪ ECLPENDJRHGBRKBK/WH   | Hanging bracket for ECLPENDANTJR series, black/white housing                      | ▪ 9513FXWL03   | Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m      |
| ▪ ECLPENDJRRECKITBK/WH  | Ceiling recessed kit for ECLPENDANTJR series, black/white housing                 | ▪ 9533FXWL03   | Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m                 |
| ▪ ECLPENDJRHSNOOTBK/WH  | Half snoot for ECLPENDANTJR series, black/white housing                           | ▪ 958225L03    | 3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m               |
| ▪ ECLPENDJRFSNOOTBK/WH  | Full snoot for ECLPENDANTJR series, black/white housing                           | ▪ C6002B       | Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black          |
| ▪ ECLPENDJRHLOUVBK/WH   | Honeycomb louvre for ECLPENDANTJR series, black/white housing                     | ▪ RSR0630B     | Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black |
| ▪ ECLPENDJRCLOUVBK/WH   | Concentric louvre for ECLPENDANTJR series, black/white housing                    | ▪ TOUR53415L03 | Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m                |
| ▪ ECLPENDWALLBRKBK/WH   | Wall mounting bracket for ECLPENDANT and ECLPENDANTJR series, black/white housing |                |   |
| ▪ ECLPENDJCEILKITBK/WH  | Ceiling adapter kit for ECLPENDANTJR series, black/white housing                  |                |   |

## PRESET FULL ON (TU)

Beam angle 50%: 22,9°



## 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

