

EclPendant JrFC

100W RGB+WarmWhite 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
ECLPENDANTJRFCBK	Black
ECLPENDANTJRFCWH	White

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 100W RGB + Warm White LEDs
- Luminous flux: 5'099 @Full
- Lux: 794lx @5 m full
- CRI: 94,5 @3200K; 94,8 @5600K
- R9: 94,9 @3200K; 96,1 @5600K
- TLCI: 98@3200K;
- TM30 Rf: 93,6 @3200K; 92,4 @5600K
- TM30 Rg: 105,2 @3200K; 104 @5600K
- 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

- CCT: CCT control, + / - green correction, tungsten emulation
- Colour wheel: gel filters included
- Macros: several pre-built macros with adjustable speed

DYNAMIC EFFECTS

- Static mode: selection of static dimmer, colors and color temperature
- Manual mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment

CONTROL

- Supported Protocols: DALI Type8, DMX512, RDM, CRMx
- DMX channels: UNO / DUO / Basic / Standard / Extendedch
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- Other: 16bit control of dimmer and colour

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1-30 Hz, electronic
- Selectable PWM: 600 to 40000 Hz (selectable steps)
- Firmware upgrade: via DMX with 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

CONNECTIONS

- Power connection: screw terminal block, Neutrik powerCON TRUE1 IN/OUT connectors
- Signal connection: screw terminal block, Amphenol XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMx and W-DMX compatible
- Low Voltage DC connector: DC 48V through screw terminal block

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: DC 48V for emergency light use
- Max power consumption (230V): 112W
- Output (at 230V): 24 units on a single power line
- Power factor: > 0,93

PHYSICAL

- IP rating: IP20
- Cooling: fan-free with natural convection
- Housing: Sturdy die-cast aluminium body
- Finish: black (RAL 9004) or white (RAL 9010)
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 170x321x170mm / 6.69"x12.64"x6.69"
- Weight: 5kg / 11.02lbs

INSTALLATION

- Suspension and fixing: bracket for hanging and floor positioning (optional)

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM, cTUVus, FCC

BOX CONTENT

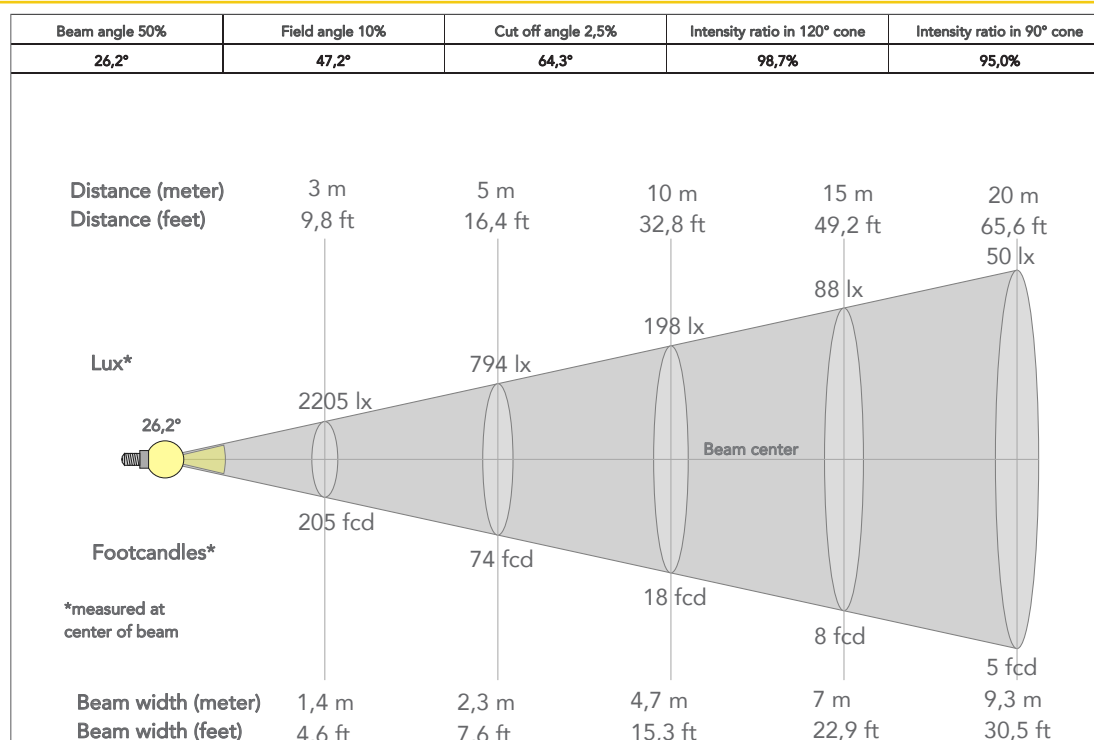
- 1 x ECLPENDANTJRFC
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)
- NOTE: no hanging bracket ECLPENDJRHGBRK on board to the fixture

ACCESSORIES & RELATED PRODUCTS

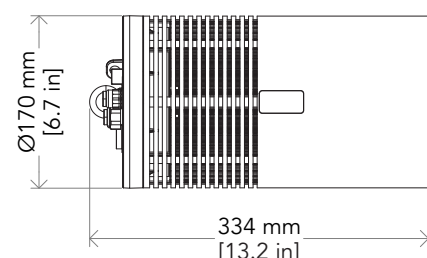
- ECLPENDJRCGH Optional cable glands holder for ECLPENDANTJR
- ECLPENDJRLENS20/40/60 ECLPENDANTJR series lens 20°/40°/60°
- ECLPENDJRHGBRKBK/WH Hanging bracket for ECLPENDANTJR series, black/white housing
- ECLPENDJRRECKITBK/WH Ceiling recessed kit for ECLPENDANTJR series, black/white housing
- ECLPENDJRHSNOOTBK/WH 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. CANS5MXX XLR 5p->CANS5FXX 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

Beam angle 50%: 26,2°



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

