

# EclPendant Jr

100W White LED source, innovative pendant light



The **EclPendant Jr** by PROLIGHTS brings design and technology on the same pedestal, delivering ultra-advanced tools in the end of Lighting Designers and System Engineers for their projects. This innovative series of pendant lights are served with multiple selection of LED sources, full range of optics, accessories, mounting options and control possibilities, and the ability to stretch your designs further than you thought possible. The **EclPendant Jr** is with 100 Watt LED and it's available in two versions : standard version with mains voltage 100-240Vac or 48Vdc, CC version with remote PSU/Driver. Multiple source variants are available as RGB+WarmWhite, 3.000K, 4.000K, 5.600K, all featuring an high-quality light with a consistent colour temperature and unmatched longevity. The GUI on board delivers extremely advanced user settings, with features never seen before in architecture and compatibility with multiple control signal as DALI, DMX, Wireless DMX, and RDM for remote management and diagnostic of the luminaires. The design of such luminaire has been engineered to provide the ability to adapt to any space or design, offering any mounting options from pendant, surface, stem, wall mount, adjustable bracket, and recessed applications, as well multiple wiring options. The units are enriched from a large selection of optics and accessories, with an uncompromising approach to flexibility and precision, all easily field changeable, giving a pain-free user experience in a dynamic project scenario. The **EclPendant Jr** are optimized around a fan-free thermal design capable to deliver high and consistent lumen output over a long lifespan.

## VERSIONS

Code	Housing
<b>ECLPENDANTJRTUBK</b>	Black
<b>ECLPENDANTJRDBK</b>	Black
<b>ECLPENDANTJRTUWH</b>	White
<b>ECLPENDANTJRDUWH</b>	White

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source:100 W COB LED
- CCT:3.000 K
- Luminous flux:(TU) 5.524 lm @full
- Lux:(TU) 1.227 lx @5 m full
- CRI:(TU) >97
- R9:(TU) >93
- TLCI:(TU) >98
- TM30 Rf:(TU) >95
- TM30 Rg:(TU) >102
- Source life expectancy: > 20.000 h

### 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:black, RAL 9004

### CONTROL

- Protocols:DALI Type6, DMX512, RDM, W-DMX
- DMX channels:UNO / DUO / Standard / Extended 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

## MAIN FEATURES

- 100W LED source power, source variants 3,000K/4,000K/5,600K (CRI>96)
- AC or DC power input and CC versions. Control via DALI, DMX, RDM, Wireless DMX (CRMX+W-DMX)
- Extensive mounting option possibilities, Optics and accessories all easily field accessible

- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) 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°
- 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:48V for emergency light use
- Max power consumption:110 W
- Output (at 230V):21 units on a single power line
- Power factor:> 0,93

## PHYSICAL

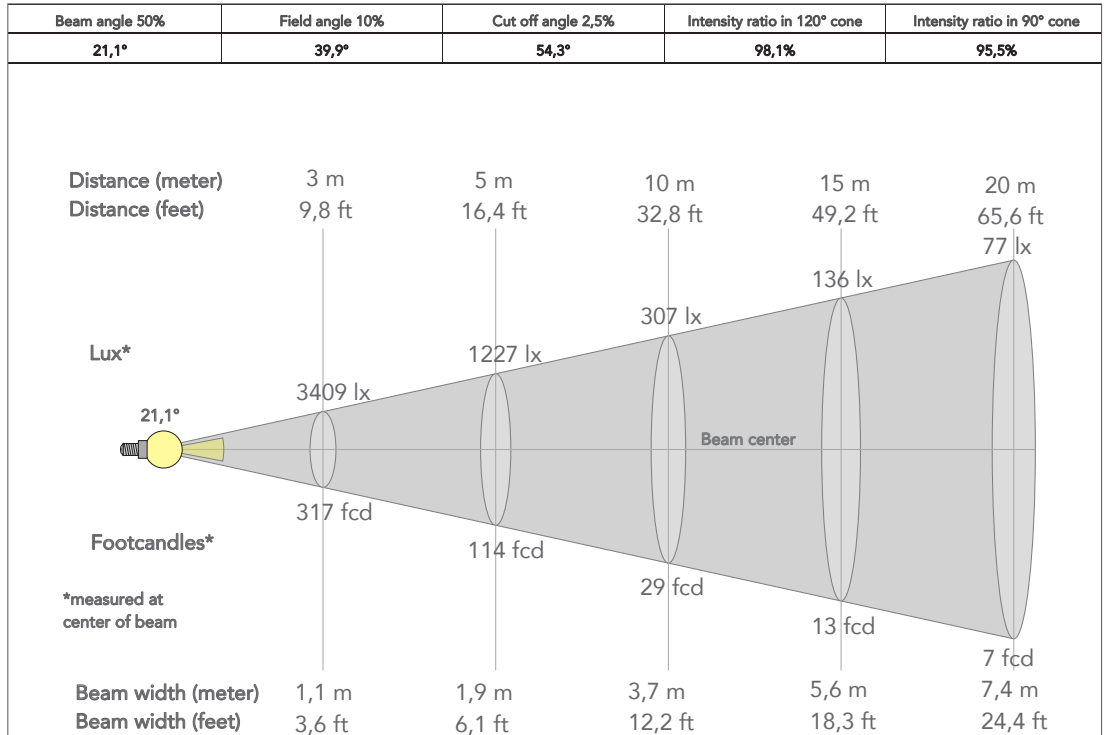
- IP rating:20
- Cooling:Heatsink with heat pipes, passive cooling and fan-free
- Suspension and fixing: bracket for hanging and positioning
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Dimensions (WxHxD):169x320x169 mm
- Weight:5,3 kg

## CERTIFICATIONS / APPROVALS

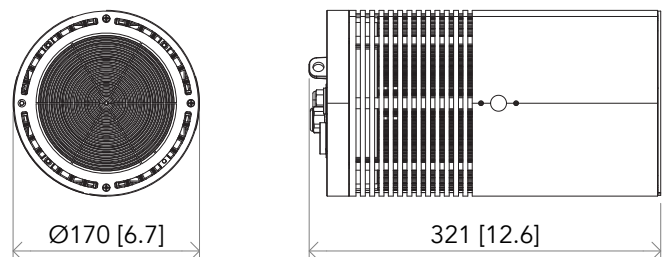
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

**PRESET FULL ON (TU)**

Beam angle 50%: 21°



**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

