EclPendant S

50W single color House light with passive cooling

PROLiGHTS

The **EclPendant** S merges elegant design with cutting-edge, eco-friendly technology, ensuring optimal illumination for any venue. This series of pendant lights offers a diverse range of LED sources, including options in RGB + Warm White, Variable White and single color (3000K, 4000K and 5600K), each featuring a 50-Watt LED that provides high-quality light output, uniform color, and remarkable durability.

Completed by a wide range of optics, accessories, and versatile mounting solutions, the **EclPendant** S adapts to various installation needs. Mounting alternatives include pendant, surface, stem, wall, adjustable bracket, and recessed options. It can be directly wired to mains power (100-240 VAC or 48 VDC) and integrates seamlessly with control protocols like DMX + RDM and DALI, thanks to its accessible terminal blocks.

User-friendly settings are manageable via the unit's onboard GUI, enhancing its functionality. The fixture's wide array of optics and accessories is designed for utmost flexibility and precision, allowing easy on-site changes without complications.

Notably, the **EclPendant** S features a fan-free thermal design, ensuring quiet operation while delivering consistent and robust lumen output throughout its extended lifespan.

* Please note: The hanging bracket is not included with the product.

VERSIONS

Code	Housing
ECLPENDANTSTUBK	Black
ECLPENDANTSDYBK	Black
ECLPENDANTSNWBK	Black
ECLPENDANTSTUWH	White
ECLPENDANTSDYWH	White
ECLPENDANTSNWWH	White

MAIN FEATURES

- House light with 50W 3000K, 4000K and 5600K LED source with passive cooling
- 100-240 VAC or 48 VDC power input. Control via DALI, DMX, RDM
- Extensive mounting option, optics and accessories available

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source:50 W COB LED
- CCT:3000K (TU), 4000K (NW), 5600K (DY)
- Luminous flux:(TU) 2'814 lm; (NW) 3'851 lm; (DY) 4'045 @full
- Lux:(TU) 796 lx; (NW) 1'079 lx; (DY) 1'116 lx @5 m full
- CRI:(TU) 98,1; (NW) 95,3; (DY) 95,2
- R9:(TU) 91,8; (NW) 89,2; (DY) 91,8
- TLCI:(TU) 98; (NW) 96; (DY) 96
- TM30 Rf:(TU) 93,4; (NW) 92,3; (DY) 90,9
- TM30 Rg:(TU) 99,1; (NW) 101,3; (DY) 100,8
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS
- Beam angle:20 °
- Field angle:40 °
- Lens diameter:100 mm
- Lens type: fresnel lens
- Other: see available accessories

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
- DMX channels:UNO / DUO / Standard / Extended channel
- Wireless Control: optional, LumenRadio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX) (Order code SP018409)
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface

- Firmware upgrade: yes, via USB - DMX interface (UPBOXPRO/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:DC 48V for emergency light use
- Max power consumption:60 W
- Output (at 230V):24 units on a single power line
- Power factor:> 0,93
- Inrush current:110VAC/11A, 230VAC/28.6A

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
- Power connection:Screw terminal block
- Dimensions (WxHxD):135x300x135 mm
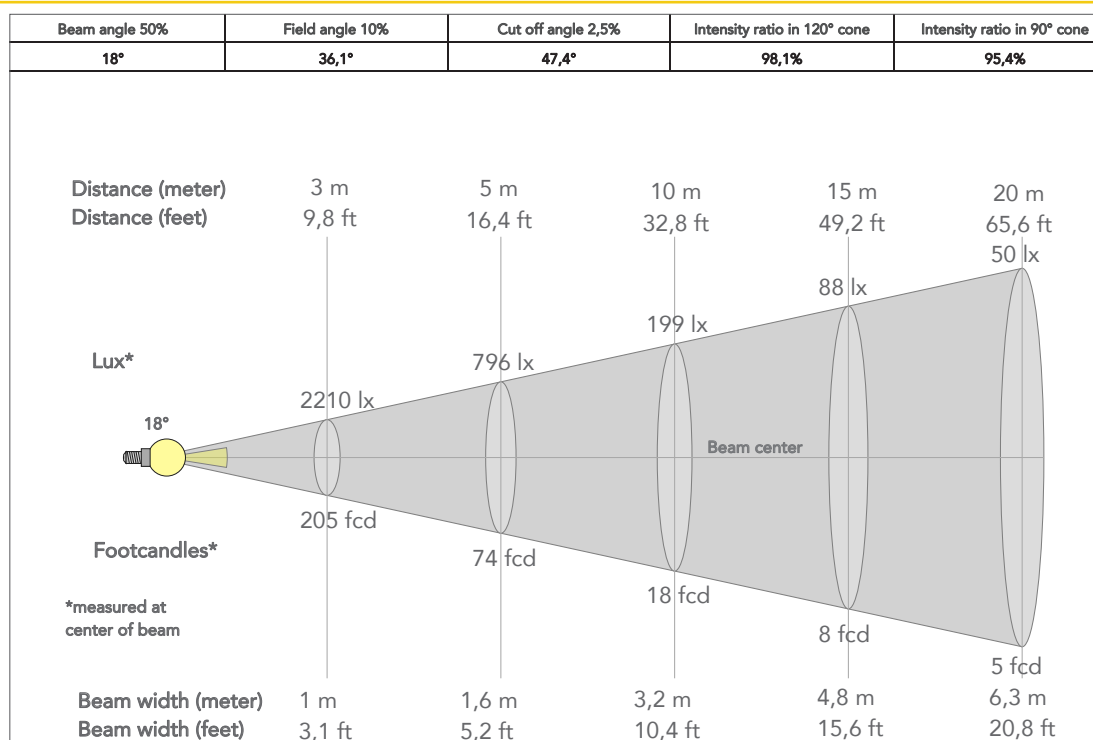- Weight:3 kg

CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, RCM, FCC, cTUVus
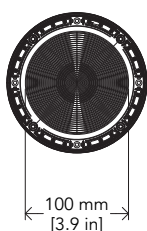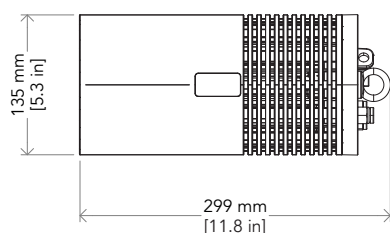
ACCESSORIES & RELATED PRODUCTS

▪ ECLPENDSLENS20/40/60	ECLPENDANTS series lens 20°/40°/60°
▪ ECLPENDSHGBRKBK/WH	Hanging bracket for ECLPENDANTS series, black/white housing
▪ ECLPENDSRECKITBK/WH	Ceiling recessed kit for ECLPENDANTS series, black/white housing
▪ ECLPENDSHSNOOTBK/WH	Half snoot for ECLPENDANTS series, black/white housing
▪ ECLPENDSFSNOOTBK/WH	Full snoot for ECLPENDANTS series, black/white housing
▪ ECLPENDSHLOUVBK/WH	Honeycomb louvre for ECLPENDANTS series, black/white housing
▪ ECLPENDSCLOUVBK/WH	Concentric louvre for ECLPENDANTS series, black/white housing
▪ ECLPENDWALLBRKBK/WH	Wall mounting bracket for ECLPENDANT series, black/white housing
▪ ECLPENDWALLBRKA	Ring adapter for ECLPENDWALLBRK (not included)

▪ ECLPENDSCEILKITBK/WH	Ceiling adapter kit for ECLPENDANTS series, black/white housing
▪ UPBOX1UP5	Firmware uploader kit, USB IN, 5p XLR DMX OUT, DMX OUT
▪ 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
▪ 958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, 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
▪ TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m

PRESET FULL ON TU

Beam angle 50%: 20°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18°	36,1°	47,4°	98,1%	95,4%

Distance (meter)	3 m	5 m	10 m	15 m	20 m
Distance (feet)	9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft
Lux*	2210 lx	796 lx	199 lx	88 lx	50 lx
Footcandles*	205 fcd	74 fcd	18 fcd	8 fcd	5 fcd
Beam width (meter)	1 m	1,6 m	3,2 m	4,8 m	6,3 m
Beam width (feet)	3,1 ft	5,2 ft	10,4 ft	15,6 ft	20,8 ft

18°

Beam center

*measured at center of beam

TECHICAL DRAWINGS

135 mm [5.3 in]
299 mm [11.8 in]
100 mm [3.9 in]

CERTIFICATIONS / APPROVALS

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

Visit our website for specifications and tech documentations