

PRODUKT DATABLAD BX-L-PL 830

BoxLED L Plus G15 | LED moduler til lysreklamer og bakgrunnsopplysing



BRUKSOMRÅDER

- Permanent utendørs bruk i lukkede lysbokser
- Skilting og lysreklame
- Wallwashing, belysning av hulkiler

PRODUKTFORDELER

- Homogen belysning takket være optimaliserte elliptiske linser
- Click and Play: LED-moduler som raskt og enkelt kan klikkes på plass, verktøy ikke nødvendig
- Utmerket moduleffekt
- Meget lang levetid
- 5 års garanti

PRODUKTEGENSKAPER

- Sammenkopledd med fleksible kabler
- Beskyttelsestype (moduler): IP66
- CE-merket



TEKNISK DATA

Elektriske data

Nominell spenning	12.00 V
Nominell wattstyrke per kjede	60,00 W
Nominell wattstyrke per LED modul	7,5 W
Konstruksjonseffekt (watt)	60,00 W
Sperrespenning	13 V
Spenningsområde	12...13 V
Strømtype	DC

Photometrical data

Rated color temperature	3000 K
Fargegjengivelsesindeks Ra	≥80
Lysfarge (betegnelse)	Warm White
Lysfarge LED	hvit
Sum nyttig lysfluks	462 lm
Lysfluks per LED kjede	4040 lm
Lysfluks per LED module	505 lm
Nominell nyttig lysfluks 90°	430 lm
Angitt nyttig lysfluks 90°	430 lm
Lumen vedlikeholdsfaktor v/ endt [calc.]	0,70
Lysutbytte	62 lm/W
Angitt intensitet, spenningstopp	1520 cd
Standardavvik av fargeavstemning	≤4 sdc _m
Fargetemperatur	3000 K
Fargegjengivelsesindeks Ra	≥80
Lysstrøm	430 lm

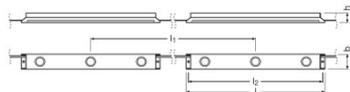
Lystekniske data

Starttid	0,1 s
Oppvarmingstid (60 %)	0,10 s
Angitt strålingsvinkel	15,0 x 53,5 °
Angitt strålingsvinkel (halvspiss verdi)	15,00 ... 53,50 °

LED module information

Antall LED per modul	3
Antall LED moduler per kjede	8
Minimal anvendlig antall LED moduler	1

Mål og vekt



Byggelengde	3600 mm
Angitt bredde	35,0 mm
Angitt høyde	19,40 mm
Produktvekt	1850,00 g ¹⁾
Lengde	3600 mm
Bredde	35,0 mm
Høyde	19,4 mm

¹⁾ per lenke

Temperatures & operating conditions

Temperaturområde i drift [PIM]	-25...80 °C ¹⁾
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¹⁾ At the T_c point

Levetid

Nominell levetid på lampen	50000 h ¹⁾
Angitt levetid på lampen	50000 h ¹⁾
Antall tenn sykluser	25000

¹⁾ At T_c 80 °C

Egenskaper

Dimbar	Yes
Dimmingsområde	5...100 %

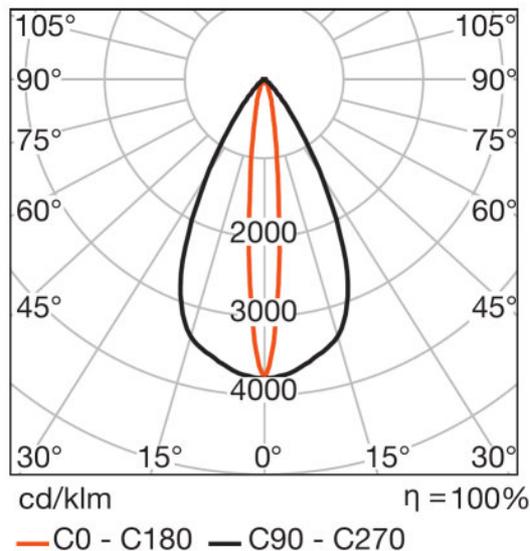
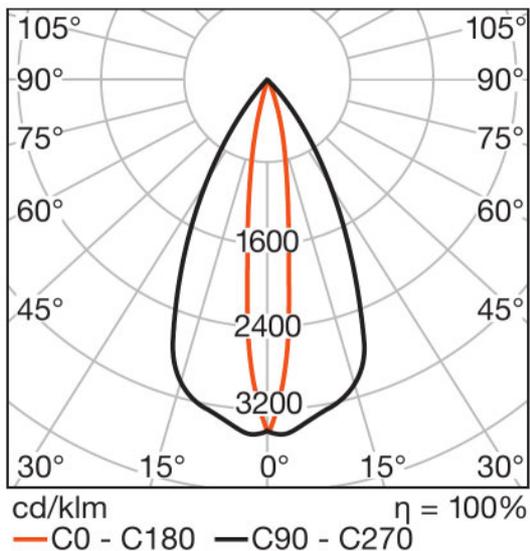
Sertifikater og standarder

Energiforbruk	9 kWh/1000h
Energieffektivitetsklasse	A
Beskyttelses type	IP66
Standarder	Acc. to IEC 62471-2/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547

Logistiske data

Temperaturområde ved lagring	-25...85 °C
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Lysfordeling



LDC typ polar

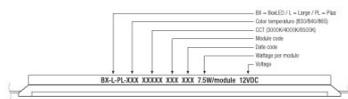
LDC typ polar



Guarantee

UTSTYR/TILBEHØR

- Flere typer OPTOTRONIC 12 V-kraftforsyning er tilgjengelig
- Monteringsprofil for BoxLED



Others graphics

ADDITIONAL PRODUCT INFORMATION

- Installation of LED modules (with power supplies) needs to be made under consideration of all valid regulations and norms.
- Installation by qualified electrician only.
- Please see the relevant application guides and instructions sheets for more detailed safety and mounting information. Additional information is available on request.
- Complies with IEC/EN 61547
- Complies with IEC/EN 61000-3-2
- Complies with EN 55015, CISPR 15
- Complies with IEC/EN 61347-1
- Complies with IEC/EN 61347-2-13
- LED modules are dimmable by means of PWM (pulse width modulation). It is recommended using the following OSRAM control gears: OPTOTRONIC OT DIM, OT DALI DIM or OPTOTRONIC 24 V power supplies with integrated 1...10 V dimming interface.
- Parallel connection is mandatory for safe electrical operation. Serial connection of LED modules is strongly discouraged. Unbalanced voltage drop in serial connection can cause hazardous overload and damage the LED module.
- Electrical contact is achieved with the contact cables or the terminals of the module. Please refer to the technical data for maximum number of LED modules that can be operated on one control gear.
- In order to operate OSRAM LED modules safely, it is absolutely necessary to operate them with an electronically stabilized power supply that protects against short circuits, overload and overheating.
- In case other power supplies than OSRAM OPTOTRONIC are used, compliance to the necessary operating parameters (voltage, current, power) has to be ensured.
- Pay attention to polarity! Wrong polarity can cause destruction or malfunction of the module.
- Conducting paths on the circuit board must not be damaged or destroyed during installation.
- The LED module itself and all its components must not be stressed mechanically.
- Operation in or under water is prohibited.
- To avoid mechanical damage, the LED modules have to be attached securely to the intended mounting surface. It is recommended to avoid heavy vibration.
- In case that the LED module is equipped with a pre-mounted double-sided adhesive tape, OSRAM assumes no liability and provides no guarantee for a permanent adherence of the modules to the surface. OSRAM recommends fixation of the modules by means of suitable screws.
- Complies with IEC 61347-1 cl. 18.3, cl. 18.4, IEC 60695-2-10, IEC 60695-11-5, IEC 60695-11-10 (classification V-0)
- To ensure uniform illumination, a reflective matt white surface is generally recommended for all internal frame walls and back panels of light boxes.
- The insulation is designed for working voltage of 50 VDC.
- SELV or SELV-equivalent output control gear recommended.
- Optimal homogeneous backlighting through sidelighting for installation depth (distance between backplane of light box and surface) of 120 mm.

- Module contains no PVC material.
- The module may cause noises during dimming. If a dimming operation is required, it is recommended to check the dimming operation for noises before final installation.

LAST NED DATA

Fil	
	Certificates 539633_CE declaration BoxLED L PlusG15
	Certificates 539634_Manufacturer declaration BoxLED L Plus G15
	Declarations of conformity 547364_EC-DoC BackLED L Plus G15
	Installation guide 505709_BoxLED L Plus G15
	CAD data 3-dim 544658_BX-L-PL 8XX G15 STEP
	CAD data 3-dim 544729_BX-L-PL 8XX G15 IGS
	CAD data PDF 607399_BoxLED L Plus G15 CAD PDF
	Eulumdat 547827_BoxLED L Plus 3000K G15 Eulumdat
	IES data 547475_BoxLED L Plus 3000K G15 IES

LOGISTIKK DATA

Product kode	Produkt beskrivelse	Forpakkings enhet (stk/enhet)	Dimensjoner (lengde x bredde x høyde)	Volum	Brutto vekt
4052899200517	BX-L-PL 830	NO: VS 5	470 mm x 264 mm x 268 mm	33.25 dm ³	11260.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

REFERANSER / LENKER

For more information on the multi-level guarantee and the terms and conditions of the guarantee visit

- ▶ www.ledvance.com/system-guarantee

ANSVARFRASKRIVELSE

Endres uten varsel. Sørg alltid for å bruke den nyeste versjonen.