

PRODUKT DATABLAD BA-XL-PL -830

BackLED XL Plus G15 | LED moduler til lysreklamer og bakgrunnsopplysning



BRUKSOMRÅDER

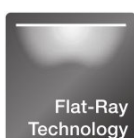
- Skilting og lysreklame
- Permanent utendørs bruk i lukkede lysbokser
- Dekorative applikasjoner

PRODUKTFORDELER

- Homogen belysning ved høye LED-pitcher takket være flatstråleteknologi
- 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

- Sammenkoplet med fleksible kabler
- Beskyttelsestype (moduler): IP66
- Fargegjengivelsesindeks $R_a > 80$
- Spesielt robust innkapsling
- CE-merket og UL-listet



TEKNISK DATA

Elektriske data

Nominell spenning	24.00 V
Nominell wattstyrke per kjede	100.0 W
Nominell wattstyrke per LED modul	3,1 W
Sperrespenning	25 V
Spenningsområde	23...25 V
Strømtype	DC

Photometrical data

Fargetemperatur	3000 K
Fargegjengivelsesindeks Ra	≥80
Lysfarge (betegnelse)	Warm White
Lysfarge LED	hvit
Lysfluks per LED kjede	8697 lm
Lysfluks per LED module	271,8 lm
Lysutbytte	87 lm/W
Standardavvik av fargeavstemning	≤3 sdcn
Lysstrøm	70 lm

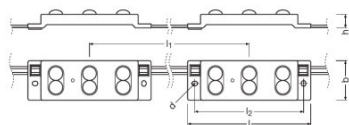
Lystekniske data

Utstrålingsvinkel	150 °
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LED module information

Antall LED per modul	6
Antall LED moduler per kjede	32
Minimal anvendelig antall LED moduler	1

Mål og vekt



Lengde	15820 mm ¹⁾
Bredde	35,0 mm
Høyde	17,0 mm
Produktvekt	56,00 g ²⁾

¹⁾ LED-avstand 500 mm

²⁾ per lenke

Temperatures & operating conditions

Temperaturområde i drift [PIM]	-20...85 °C ¹⁾
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¹⁾ At the T_c point

Levetid

Levetid	50000 h ¹⁾
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¹⁾ L70/B50 ved T_c max. 85 °C

Ytterligere produktdata

Fotnote bare for produktet	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information, see www.osram.com/led-systems /Alle de tekniske parametere gjelder for hele enheten. Med henblikk på den komplekse produksjonsprosessen for lysemitterende dioder, er de overnevnte karakteriske verdiene for de tekniske LED parametrene mer ment som statistiske verdier. De tilsvarer nødvendigvis ikke de faktiske parametrene til et enkelt produkt. Enkelte produkter kan avvike fra disse typiske verdiene.
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Egenskaper

Dimbar	No
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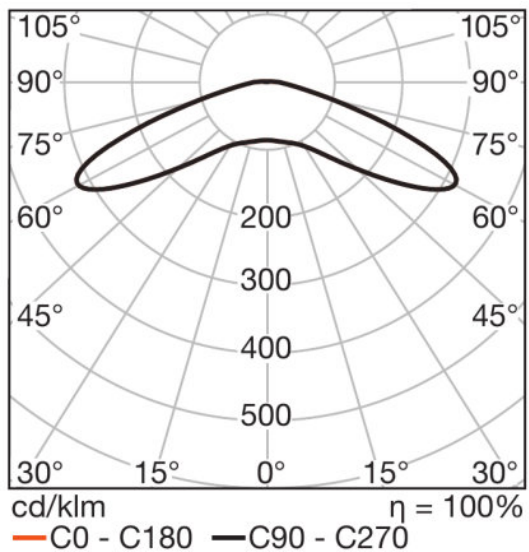
Sertifikater og standarder

Energiforbruk	4 kWh/1000h
Energieffektivitetsklasse	A
Beskyttelses type	IP66
Standarder	Acc. to IEC 61347-2-13/Acc. to EN 55015/Acc. to EN 61547/Acc. to EN 61000-3-2/Acc. to EN 62384

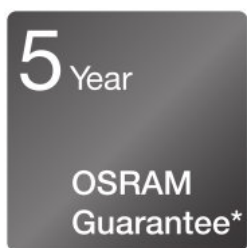
Logistiske data

Temperaturområde ved lagring	-20...85 °C
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Lysfordeling



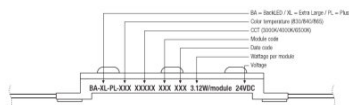
LDC typ polar



Guarantee

UTSTYR/TILBEHØR

- Monteringsprofil for BoxLED
- Flere typer OPTOTRONIC 24 V-kraftforsyning er tilgjengelig



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 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)
- All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the specified typical values for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.
- Module contains no PVC material.
- To ensure uniform illumination, a reflective matt white surface is generally recommended for all internal frame walls and back panels of light boxes.
- 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	
	Declarations of conformity 547363_EC-DoC BackLED XL Plus G15
	Declarations of conformity 547375_Manufacturer-DoC BackLED XL Plus G15
	Installation/Operation notice 539569_Instruction Manual forBackLED XL Plus G15
	CAD data 3-dim 544660_BA-XL-PL 8XX G15
	CAD data 3-dim 544732_BA-XL-PL 8XX G15 IGS
	CAD data PDF 607397_BackLED XL Plus G15 CAD PDF
	Eulmdat 600963_BackLED XL Plus 830 G15 Eulmdat
	IES data 600954_BackLED XL Plus 830 G15 IES

LOGISTIKK DATA

Product kode	Produkt beskrivelse	Forpakkings enhet (stk/enhet)	Dimensjoner (lengde x bredde x høyde)	Volum	Brutto vekt
4052899245853	BA-XL-PL -830	NO: VS 5	502 mm x 428 mm x 276 mm	59.30 dm ³	11640.00 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

ANSVARSRASKRIVELSE

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