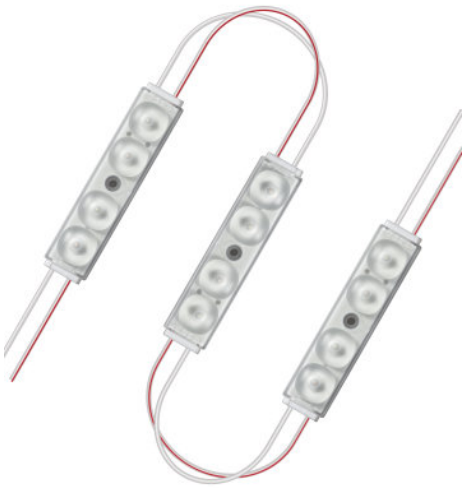
BA-XL-CP-830-24 -G5

BackLED XL CP G5 | LED modules for light advertising and backlighting



Product family features

- Compatible with OSRAM OPTOTRONIC constant voltage drivers / dimmers
- Color consistency in 3 SDCM
- Patented Square Lens technology
- Wide CCT and color options available
- IP66 rating
- Lifetime (L80/B10): 50,000 h (temperature at T_C = 75 °C)

Product family benefits

- Backside injection technology for high protection level
- 5 year guarantee

Areas of application

- Channel letters
- Signage boxes
- Luminous areas and ceilings

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Technical data

Electrical data

Nominal voltage	24.0 V
Nominal wattage per chain	60.00 W
Nominal wattage per LED module	2 W
Accidental reverse input voltage protection up to	25 V
Input voltage range	23.4…24.9 V
Type of current	DC

Photometrical data

Color temperature	3000 K
Color rendering index Ra	>80
Light color LED	Warm white
Luminous flux per module chain	8310 lm
Luminous flux per LED module	277 lm
Luminous efficacy	139 lm/W
Standard deviation of color matching	≤3 sdcm
Luminous flux per chain at Ta 25 °C	8310 lm

Light technical data

Beam angle	155 °

LED module information

Number of LEDs per module	4
Number of LED modules per chain	30
Minimum operable number of LED modules	1

Dimensions & weight



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Length	13950 mm
Width	17.8 mm
Height	12.4 mm
Product weight	795.00 g

Temperatures & operating conditions

Temperature range in operation at Tc point	-25…75 °C
Temperature range at storage	-25…85 °C

Lifespan

Lifespan	50000 h [1)]

[1)] L80/B10 at Tc 75°C

Additional product data

Product remark	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)./In view of the complex manufacturing process for light emitting diodes, the typical values given above 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
ID of contained light source	LS_SHZ_600843
Predecessor EAN	4052899990524

Capabilities

Dimmable	Yes
Dimming range	1…100 %

Certificates & standards

Energy consumption	60 kWh/1000h
Type of protection	IP66
Standards	IEC/EN 60529/IEC/EN 60598-1/IEC/EN 61347-1/IEC/EN 61547/IEC/EN 62031/IEC/TR 62778/IEC TR 62778
Approval marks – approval	CE / ENEC 25 / cURus / UKCA / BIS
Energy efficiency class of the contained light source	E

Logistical data

Commodity code	85395100000

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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	31-03-2023
Primary Article Identifier	4062172223737
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

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.

Download Data

	File
	User instruction BackLED CP G5 User Instruction 20210730
	Product Datasheet proudct datasheet BackLED XL CP 24V G5
	Brochures Technical application guide BackLED and BoxLED portfolio (EN)
	Certificates ENEC of BackLED CP G5
	Certificates UL certificate of Compliance BackLED CP G5
	CAD data 3-dim 3D drawing of BackLED CP 24V G5 XL
	Eulumdat IES file of BA XL CP 830 24 G5

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Ecodesign regulation information:

- This product is considered to be a "containing product" in the sense of Regulations (EU) 2019/2020 and (EU) 2019/2015.
- Tolerances of the reported values, are according to LED Modules Performance standard IEC/EN 62717.
- In general, the replacement of the contained light sources without permanent damage to the product with the use of common available tools is possible in the final application when they can be dismantled from the installation environment and substituted for the necessary number of light sources restoring its full electrical/mechanical/thermal/optical functionality by means of a professional installer.In the contrary, and limited to the LINEARlight Flex Diffuse, LINEARlight Rigid Finesse, GINO LED Flex Diffuse and LUMINENT Milky product families, the contained light source is an integrated part of the containing product and its removal can only be done by causing a permanent damage to the containing product due to its tight mechanical, electrical, optical, thermal interaction and/or environmental protection with or from the containing product. Therefore, a replacement of the light source with the use of common available tools is not justified.
- Dismantling of light sources from containing products at end of life: Containing products with light sources which are scalable in length can be cut to the length of the contained light source and if applicable mechanically detached from protective and/or optical covers. Containing products shall be separated from building material and/or from other additional mounting accessories by means of a professional installer.Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172223737	BA-XL-CP-830-24 -G5	Shipping carton box 10	355 mm x 255 mm x 240 mm	21.73 dm^3	8600.00 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.

Accessories Optional

Product description	Accessory name	Accessory code
BA-XL-CP-830-24 -G5	BA -MP-L-G5-2M	4052899629189
BA-XL-CP-830-24 -G5	BA -CLIP-L-G5	4052899629325

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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