

## BA-M-CX -830-G5

BackLED M CX G5



### Product family features

- Color consistency in 3 SDCM
- Diffusive Optics technology
- Wide CCT options available
- IP66 Rated

### Product family benefits

- High module flux output up to 80 lm
- 5 year warranty
- Wide beam angle for high uniformity
- Good solution to reduce system cost



Technical data

Electrical data

Nominal voltage	12.0 V
Nominal wattage per chain	14.40 W
Nominal wattage per LED module	0.72 W
Accidental reverse input voltage protection up to	13 V
Input voltage range	12...13 V
Type of current	DC

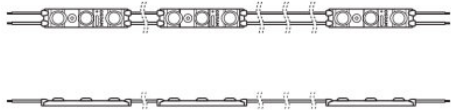
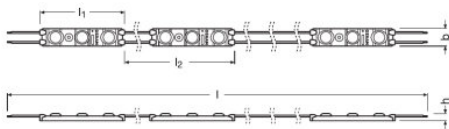
Photometrical data

Color temperature	3000 K
Color rendering index Ra	80
Light color (designation)	Warm White
Luminous flux per module chain	1360 lm
Luminous flux per LED module	68 lm
Luminous efficacy	95 lm/W

LED module information

Number of LEDs per module	3
Number of LED modules per chain	20
Minimum operable number of LED modules	1

Dimensions & weight



Length	3100 mm <sup>1)</sup>
Width	12.4 mm
Height	6.2 mm
Product weight	110.00 g
Module length	60.6 mm

Product datasheet

Module pitch	150 mm
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1) Maximum LED pitch 200 mm

Temperatures & operating conditions

Temperature range in operation at Tc point	-20...75 °C
Temperature range at storage	-25...85 °C

Lifespan

Lifespan	50000 h
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Additional product data

Product remark	Modules perfectly matched to 12 V OSRAM OPTOTRONIC electronic control gear/For current photometric data and important safety, installation and application information (see <a href="http://www.osram.com/led-systems">www.osram.com/led-systems</a> ),/All the technical parameters apply to the entire module. 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_601324

Capabilities

Dimming range	1...100 %
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Certificates & standards

Energy consumption	15 kWh/1000h
Type of protection	IP66
Standards	Acc. to IEC 62471-2/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1/Acc. to EN 55015/Acc. to EN 61547
Approval marks – approval	CE / UKCA / ENEC 25 / BIS
Energy efficiency class of the contained light source	G

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	31-05-2023

Product datasheet

Primary Article Identifier	4062172328012
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

Download Data

File	
	User instruction UI of 15114781 BA L M CX G5
	Product Datasheet BackLED M CX G5 20220907 V2 0
	Product Datasheet 335818_BackLED L (EN)

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
4062172328012	BA-M-CX -830-G5	Shipping carton box 60	365 mm x 265 mm x 318 mm	30.76 dm <sup>3</sup>	8400.00 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.

Disclaimer

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