

The trusted value of OSRAM Digital Systems continues with Inventronics Global – where experience meets innovation.

BA-L-CX -865-G5

BackLED L 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 162 lm
- 5 year warranty
- Wide beam angle for high uniformity
- Good solution to reduce system cost



Specifications are subject to changes without notice.

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Technical data

Electrical data

Nominal voltage	12.0 V
Type of current	DC
Rated wattage	30.00 W
Input voltage range	12...13 V
Accidental reverse input voltage protection up to	13 V
Nominal wattage per chain	30.00 W
Nominal wattage per LED module	1.5 W

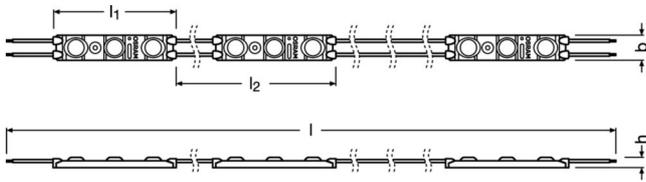
Photometrical data

Color rendering index Ra	80
Luminous efficacy	108 lm/W
Light color (designation)	Cold White
Color Temperature	6500
Luminous flux per LED module	162 lm
Standard deviation of color matc	<=5 sdcn

LED module information

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

Dimensions & weight



Length	3100 mm ¹⁾
Width	12.4 mm
Height	6.2 mm
Product weight	120.00 g
Module pitch	150 mm
Module length	60.6 mm

1) Maximum LED pitch 200 mm

Temperatures & operating conditions

Temperature range in operation at Tc point	-25...85 °C
Temperature range at storage	-25...80 °C

Lifespan

Rated lamp life time	0 h
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Additional product data

ID of contained light source	LS_SHZ_601331
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Capabilities

Dimming range	1...100 %
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Certificates & standards

Standards	IEC 62471-2 / IEC 60598-1 / EN 60529 / EN 62031 / IEC 60598-1 / EN 55015 / EN 61547
Type of protection	IP66
Approval marks – approval	CE / UKCA / ENEC 25 / BIS
Energy efficiency class of the contained light source	F

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	04-07-2025
Primary Article Identifier	4062172327848 6937186140647
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

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.

Download Data

File		
Product Datasheet	PDF	▶ BackLED L CX G5 20220907 V2 0
Product Datasheet	PDF	▶ 335818_BackLED L (EN)
Mandatory Publications	PDF	▶ BackLED LM XY G5 UK DoC 4433012 210922
Mandatory Publications	PDF	▶ BackLED LM CX G5 CE 4433011 210922
User instruction	PDF	▶ UI BA L M CX G5

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172327848 OSRAM	BA-L-CX -865-G5	Shipping carton box 60 Pieces	365 x 265 x 318 mm	30.76 dm ³	140.00 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.