

BA-S-CP-830- G4

BackLED S CP G4 | LED modules for light advertising and backlighting



Product family features

- Color consistency in 3 SDCM
- IP66 Rated
- Patented Square Lens technology
- Wide CCT and color options available

Product family benefits

- Over-molding technology for optimal protection
- Upgraded flux output up to 39 lm
- Uniform light pattern design for 50-100 mm light-box depth

Areas of application

- Backlighting of small channel letters
- Backlighting of small light boxes



Product datasheet

Technical data

Electrical data

Nominal voltage	12.0 V
Nominal wattage per chain	29.00 W
Nominal wattage per LED module	0.32 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
Light color LED	Warm white
Luminous flux per LED module	37 lm
Standard deviation of color matching	≤3 sdc _m

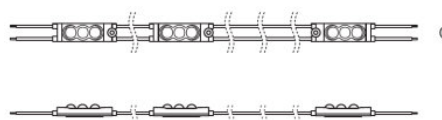
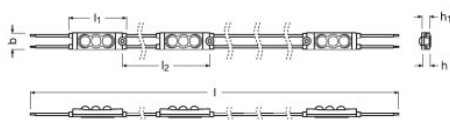
Light technical data

Beam angle	155 °
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LED module information

Number of LEDs per module	3
Number of LED modules per chain	90
Minimum operable number of LED modules	1

Dimensions & weight



Length	12253 mm
Width	13.8 mm

Product datasheet

Height	6.8 mm
Product weight	530.00 g
Module length	47.5 mm
Module pitch	135 mm

Temperatures & operating conditions

Temperature range in operation at T _c point	-20...50 °C ¹⁾
Temperature range at storage	-30...85 °C

¹⁾ Exceeding the maximum ratings will reduce expected life time or destroy the LED strip. / At the T_c point

Lifespan

Lifespan	50000 h ¹⁾
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¹⁾ L70/B50 at T_c 70 °C

Additional product data

ID of contained light source	LS_SHZ_600479
Predecessor EAN	4052899504592

Capabilities

Dimming range	1...100 %
Detection angle (Light sensor)	-
Detection angle (PIR)	-


Certificates & standards

Energy consumption	29 kWh/1000h
Type of protection	IP66
Standards	Acc. to IEC 62471/Acc. to IEC 61347-1/Acc. to EN 62031/Acc. to IEC 60598-1/Acc. to EN 55015/Acc. to EN 61547/Acc. to IEC 62778
Approval marks – approval	CE
Energy efficiency class of the contained light source	F




Logistical data

Commodity code	940540399000
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Download Data

File
 User instruction User Instructions of BlackLED S M CP G4

Product datasheet

	User instruction BackLED SM CP G4 UI OSRAM
	Declarations of conformity BA S CP G4 CE 4244835 140920
	IES data BackLED S CP G4 IES files

Ecodesign regulation information:

ul>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.

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
4062172166591	BA-S-CP-830- G4	Shipping carton box 25	435 mm x 435 mm x 310 mm	58.66 dm ³	15032.00 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-S-CP-830- G4	BA -MP-M-CP-2	▶ 4062172168410

Product datasheet

Disclaimer

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