OSRAM

BA-S-CP-RED- 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

Electrical data

Nominal voltage	12.0 V
Nominal wattage per chain	31.50 W
Nominal wattage per LED module	0.35 W
Accidental reverse input voltage protection up to	13 V
Input voltage range	12...13 V
Type of current	DC

Photometrical data

Color rendering index Ra	>80
Light color (designation)	Red
Light color LED	Red
Luminous flux per LED module	13.5 lm
Standard deviation of color matching	≤3 sdcm

Light technical data

Beam angle	155 °

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
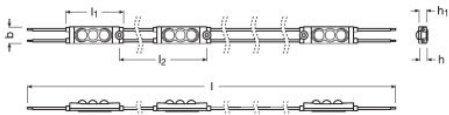
Length	12253 mm
Width	13.8 mm
Height	6.8 mm

Product datasheet

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

Temperatures & operating conditions

Temperature range in operation at Tc 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]

[1] L70/B50 at Tc 70 °C

Additional product data

Predecessor EAN	4052899300637

Capabilities

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

Certificates & standards

Energy consumption	32 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

Logistical data

Commodity code	85395100000

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	23-05-2022
Primary Article Identifier	4062172166614
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

Product datasheet

Download Data

	File
	User instruction User Instructions of BlackLED S M CP G4
	User instruction BackLED SM CP G4 UI OSRAM
	Brochures Technical application guide BackLED and BoxLED portfolio (EN)
	Declarations of conformity BA S CP G4 CE 4244835 140920
	IES data BackLED S CP G4 IES files

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.
- 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
4062172166614	BA-S-CP-RED- G4	Shipping carton box 25	435 mm x 435 mm x 310 mm	58.66 dm³	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-RED- G4	BA -MP-M-CP-2	▶ 4062172168410

Disclaimer

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

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