OSRAM

BA-M-HO-CP-880 G4

BackLED M-HO CP G4 | LED modules for light advertising and backlighting

Product family features

‒ Color consistency in 3 SDCM
‒ Patented Square Lens technology
‒ Wide CCT options available
‒ IP66 Rated

Product family benefits

‒ Upgraded flux output up to 131 lm
‒ Uniform light pattern design for 100-150 mm light-box depth
‒ Over-molding technology for optimal protection

Product datasheet

Electrical data

Nominal voltage	12.0 V
Nominal wattage per chain	48.00 W
Nominal wattage per LED module	1.2 W
Accidental reverse input voltage protection up to	13 V
Input voltage range	12...13 V
Type of current	DC

Photometrical data

Color temperature	8000 K
Color rendering index Ra	80
Light color (designation)	Cold White
Light color LED	Cool white
Luminous flux per module chain	4800 lm
Luminous flux per LED module	122 lm
Luminous efficacy	102 lm/W
Luminous flux per LED module at Ta 25 °C	122 lm
Luminous flux per chain at Tc 25 °C	4880 lm

Light technical data

Beam angle	155 °

LED module information

Number of LEDs per module	3
Number of LED modules per chain	40
Minimum operable number of LED modules	1

Dimensions & weight
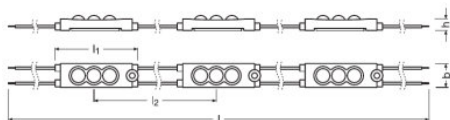
Length	8168 mm
Width	13.8 mm
Height	6.8 mm
Product weight	210.00 g
Module length	47.5 mm
Module pitch	200 mm

Temperatures & operating conditions

Temperature range in operation at Tc point	-30...70 °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 70 °C

Additional product data

ID of contained light source [GMS]	LS_SHZ_600371

Capabilities

Dimming range	1...100 %

Certificates & standards

Energy consumption	48 kWh/1000h
Type of protection	IP66
Standards	Acc. to EN 55015/Acc. to EN 61547/Acc. to EN 62031/Acc. to IEC 60598-1/Acc. to IEC 61347-1/Acc. to IEC 62778/Acc. to IEC 62471

Product datasheet

Approval marks – approval	CE / BIS
Energy efficiency class of the contained light source	F

Logistical data

Commodity code	853951000000

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)

Date of Declaration	23-05-2022
Primary Article Identifier	4062172183512
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

Download Data

	File
	User instruction BackLED SM CP G4 UI OSRAM
	Brochures Technical application guide BackLED and BoxLED portfolio (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.
- 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.

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172183512	BA-M-HO-CP-880 G4	Shipping carton box 50	435 mm x 435 mm x 310 mm	58.66 dm³	11782.00 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-M-HO-CP-880 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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