

## BA-M-HO-CP-865 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



## Technical data

### 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	6500 K
Color rendering index Ra	80
Light color (designation)	Cold White
Light color LED	Cool white
Luminous flux per module chain	5120 lm
Luminous flux per LED module	131 lm
Luminous efficacy	109 lm/W
Luminous flux per LED module at Ta 25 °C	131 lm
Luminous flux per chain at Tc 25 °C	5240 lm

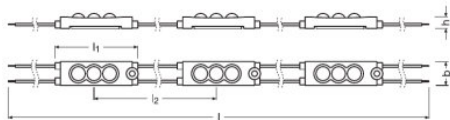
### Light technical data

Beam angle	155 °
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### LED module information

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

## Dimensions & weight



<b>Length</b>	8168 mm
<b>Width</b>	13.8 mm
<b>Height</b>	6.8 mm
<b>Product weight</b>	210.00 g
<b>Module length</b>	47.5 mm
<b>Module pitch</b>	200 mm

## Temperatures & operating conditions

<b>Temperature range in operation at T<sub>c</sub> point</b>	-30...70 °C <sup>1)</sup>
<b>Temperature range at storage</b>	-30...85 °C

<sup>1)</sup> Exceeding the maximum ratings will reduce expected life time or destroy the LED strip. / At the T<sub>c</sub> point

## Lifespan

<b>Lifespan</b>	50000 h <sup>1)</sup>
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<sup>1)</sup> L70/B50 at 70 °C

## Additional product data

<b>ID of contained light source</b>	LS_SHZ_600370
<b>Predecessor EAN</b>	4052899504745

## Capabilities

<b>Dimming range</b>	1...100 %
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## Certificates & standards

<b>Energy consumption</b>	48 kWh/1000h
<b>Type of protection</b>	IP66


## Product datasheet

<b>Standards</b>	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 62471/Acc. to IEC 62778
<b>Approval marks – approval</b>	CE / BIS
<b>Energy efficiency class of the contained light source</b>	F

### Logistical data

<b>Commodity code</b>	940540399000
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### Download Data

File
 User instruction BackLED SM CP G4 UI OSRAM

### 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
4062172183499	BA-M-HO-CP-865 G4	Shipping carton box 50	435 mm x 435 mm x 310 mm	58.66 dm <sup>3</sup>	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.

## Product datasheet

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### Accessories Optional

Product description	Accessory name	Accessory code
BA-M-HO-CP-865 G4	BA -MP-M-CP-2	▶ 4062172168410

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### Disclaimer

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