BA-M-CP-865 G4

BackLED M Plus G4 | LED modules for light advertising and backlighting



Product family benefits

- Good uniformity and less module density thanks to unique Square Optical Lens design
- Consistent white light (Standard Deviation of Color Matching SDCM: < 3)
- Color rendering index R_a: 80
- Completely molded housing protects PCB and LEDs
- Easier pre-mounting with double-sided tape with extra long foil

Areas of application

- Backlighting of medium size channel letters
- Backlighting of medium light boxes

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Technical data

Electrical data

Nominal voltage	12.0 V
Nominal wattage per chain	28.80 W
Nominal wattage per LED module	0.72 W
Accidental reverse input voltage protection up to	13 V
Input voltage range	12…13 V
Type of current	DC

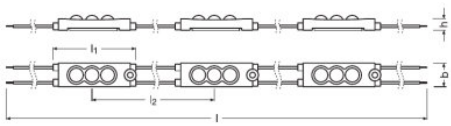
Photometrical data

Color temperature	6500 K
Color rendering index Ra	≥80
Light color (designation)	White
Light color LED	White
Luminous flux per module chain	3280 lm
Luminous flux per LED module	82 lm
Luminous efficacy	113.9 lm/W
Standard deviation of color matching	≤3 sdcm

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	6.80 mm

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Product weight	270.00 g
Module length	47.5 mm
Module pitch	200 mm

Temperatures & operating conditions

Temperature range at storage	-30…85 °C

Additional product data

ID of contained light source	LS_SHZ_600061
Predecessor EAN	4052899592995

Capabilities

Dimmable	Yes
Dimming range	1…100 %

Certificates & standards

Energy consumption	29 kWh/1000h
Type of protection	IP66
Approval marks – approval	BIS / CE
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	21-03-2023
Primary Article Identifier	4062172183352
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	1a697027-fc40-4a0f-a9c8-ce4c43e24672

Download Data

	File

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	User instruction BackLED SM CP G4 UI OSRAM
	Brochures Technical application guide BackLED and BoxLED portfolio (EN)
	Declarations of conformity CE declaration BA M CP G4

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
4062172183352	BA-M-CP-865 G4	Shipping carton box 50	435 mm x 435 mm x 310 mm	58.66 dm^3	15281.00 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-CP-865 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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