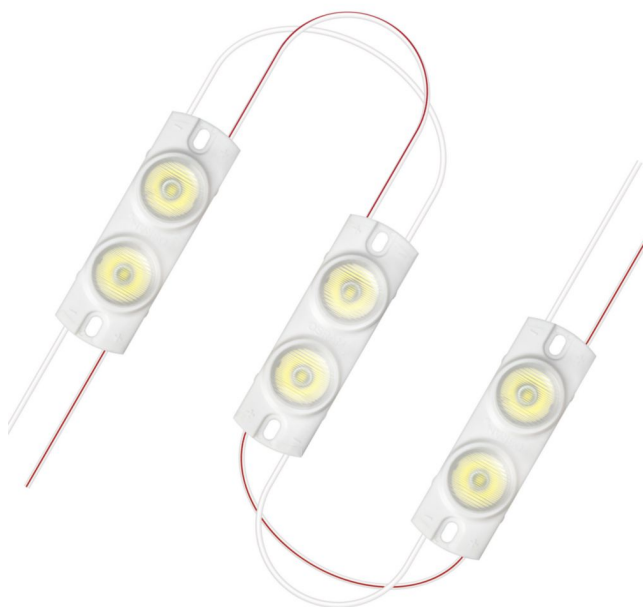


BX-M-CP -865-G5 (NEW)

BoxLED M CP G5 | LED modules for light advertising and backlighting



Product family features

- Chain of 32 linear LED modules
- Connected with flexible cables
- Maximum length of one chain: 9.80 m
- Type of protection (modules): IP66
- CE marked, ENEC certified, UL recognized component
- Fully integrated heat sink

Product family benefits

- Modules are compatible with BackLED mounting profile
- Uniform illumination thanks to optimized elliptical lenses
- Several options for quick and simple mounting: bolting or snap-in
- Excellent module efficacy
- Consistent white light (Standard Deviation of Color Matching SDCM: 3)
- Very long lifetime
- 5 year guarantee



Technical data

Electrical data

Nominal voltage	24.0 V
Type of current	DC
Rated wattage	89.60 W
Input voltage range	23...25 V
Accidental reverse input voltage protection up to	25 V
Nominal wattage per chain	89.60 W
Nominal wattage per LED module	2.8 W

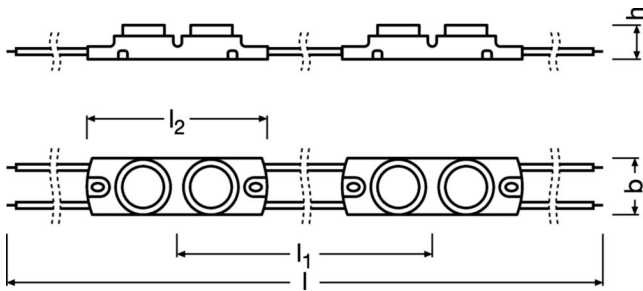
Photometrical data

Color rendering index Ra	>80
Luminous efficacy	86 lm/W
Color Temperature	6500
Luminous flux per LED module	241 lm

LED module information

Number of LEDs per module	2
Number of LED modules per chain	32

Dimensions & weight



Length	73.0 mm
Width	25.0 mm
Height	15.8 mm
Product weight	960.00 g
Module pitch	302 mm

Temperatures & operating conditions

Temperature range in operation at Tc point	-25...75 °C
Temperature range at storage	-25...85 °C

Lifespan

Rated lamp life time	50000 h
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Capabilities

Dimming range	1...100 %
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Certificates & standards

Standards	CE / ENEC / BIS
Type of protection	IP66

Logistical data

Commodity code	94054231000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	26-09-2024
Primary Article Identifier	4062172369183
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

Equipment / Accessories

- Several types of OPTOTRONIC® and ELEMENT 24 V power supplies
- BoxLED mounting profile BX-MP-M-CP-G5-2M
- BoxLED cable clip BX-CLIP-M-G5

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. In the contrary, and limited to the LINEARlight Flex Diffuse, LINEARlight Rigid Finesse, GINO LED Flex Diffuse and LUMINENT Milky product families, the contained light source is an integrated part of the containing product and its removal can only be done by causing a permanent damage to the containing product due to its tight mechanical, electrical, optical, thermal interaction and/or environmental protection with or from the containing product. Therefore, a replacement of the light source with the use of common available tools is not justified.
- 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.

Download Data

File		
Eulumdat	Compressed	▶ BX M CP 830 G5 LDT 090823
Eulumdat	Compressed	▶ BX M CP 865 G5 LDT 090823
CAD data	Compressed	▶ BX M CP G5 STEP 090823
Mandatory Publications	PDF	▶ BX G5 CE 4486056 17072023
User instruction	PDF	▶ BoxLED XS L M CP G5

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172369183	BX-M-CP -865-G5	Shipping carton box 8 Pieces	360 x 260 x 240 mm	22.46 dm ³	1028.25 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
BX-M-CP -865-G5	BX -CLIP-M-G5	▶ 4062172379670
BX-M-CP -865-G5	BX-MP -M-CP-G5-2M	▶ 4062172379618

Disclaimer

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