

## BA-L-CP-865-24 -G5

BackLED L CP G5 | LED modules for light advertising and backlighting



### Product family features

- Each LED module contains 2 LEDs
- Compatible with OSRAM OPTOTRONIC constant voltage drivers / dimmers
- Color consistency in 3 SDCM
- Patented Square Lens technology
- Wide CCT and color options available
- IP66 rating
- Lifetime (L80/B10): 50,000 h (temperature at  $T_c = 75\text{ °C}$ )

### Product family benefits

- Energy saving with high efficacy
- Backside injection technology for high protection level
- Flammability rating at V0



Specifications are subject to changes without notice.

[www.inventronicsglobal.com](http://www.inventronicsglobal.com)

© 2024, Inventronics GmbH. All rights reserved. Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM

[support@inventronicsglobal.com](mailto:support@inventronicsglobal.com)

### Areas of application

- Channel letters
- Signage boxes
- Luminous areas and ceilings

## Technical data

### Electrical data

Nominal voltage	24.0 V
Type of current	DC
Rated wattage	43.20 W
Input voltage range	23.4...24.9 V
Accidental reverse input voltage protection up to	24 V
Nominal wattage per chain	43.20 W
Nominal wattage per LED module	1.2 W

### Photometrical data

Color rendering index Ra	>80
Luminous efficacy	133 lm/W
Color Temperature	6500
Luminous flux per LED module	160 lm
Standard deviation of color matc	<=3 sdcn

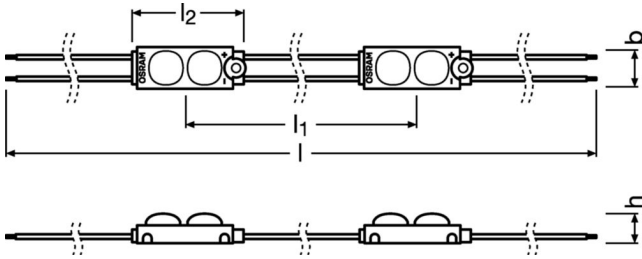
### Light technical data

Beam angle	155 °
Starting time	< 0.5 s

### LED module information

Number of LEDs per module	2
Minimum operable number of LED modules	1
Number of LED modules per chain	36

## Dimensions & weight



Length	11100 mm
Width	17.8 mm
Height	12.1 mm
Product weight	468.00 g

## 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
----------------------	---------

### Additional product data

Predecessor EAN	4052899990425
-----------------	---------------

### Capabilities

Dimming range	1...100 %
---------------	-----------

## Certificates & standards

<b>Standards</b>	EN 62471:2008 / IEC 62031 / ENEC / CE / UL
<b>Type of protection</b>	IP66
<b>Energy efficiency class</b>	E
<b>Approval marks – approval</b>	CE / ENEC 25 / cURus / UKCA / BIS

## Logistical data

<b>Commodity code</b>	8539510000
-----------------------	------------

## Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
<b>Date of Declaration</b>	13-02-2025
<b>Primary Article Identifier</b>	4052899627420
<b>Declaration No. in SCIP database</b>	In work
<b>SCIP_STATUS</b>	In work
<b>SCIP_ID</b>	

### 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.

### Additional product information

- Installation of LED modules (with power supplies) needs to be made under consideration of all valid regulations and norms.
- Installation by qualified electrician only.
- Please see the relevant application guides and instructions sheets for more detailed safety and mounting information.  
Additional information is available on request.



## Download Data

File		
IES data	Compressed	▶ IES file of BA L CP 865 24 G5
Certificates	PDF	▶ ENEC of BackLED CP G5
Certificates	PDF	▶ UL certificate of Compliance BackLED CP G5
CAD data 3-dim	Compressed	▶ 3D drawing of BackLED CP 24V G5 L
Brochures	PDF	▶ Technical application guide BackLED and BoxLED portfolio (EN)
Product Datasheet	PDF	▶ product datasheet BackLED L CP 24V G5
Mandatory Publications	PDF	▶ BA CP G5 24 CED 9C1-4320108-EN-00 20210622
Mandatory Publications	PDF	▶ BA CP G5 24 UKD 9C1-4320110-EN-00 20210622
User instruction	PDF	▶ BackLED CP G5 User Instruction 20210730

## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899627420	BA-L-CP-865-24 -G5	Shipping carton box 15 Pieces	355 x 255 x 240 mm	21.73 dm <sup>3</sup>	512.33 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-L-CP-865-24 -G5	BA -MP-L-G5-2M	▶ 4052899629189
BA-L-CP-865-24 -G5	BA -CLIP-L-G5	▶ 4052899629325

## Disclaimer

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