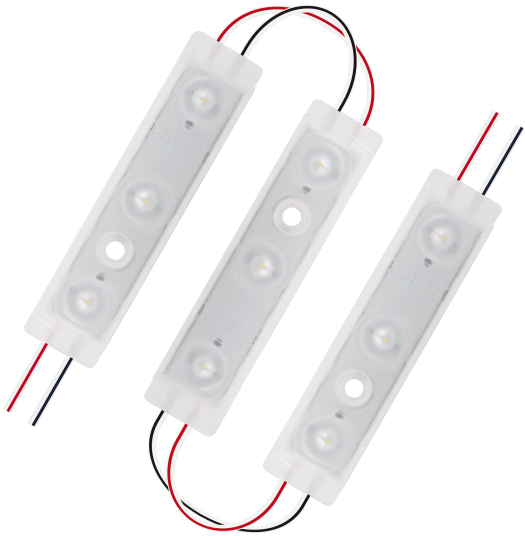


## PRODUCT DATASHEET BA-L-PL 840 G3

BackLED L Plus G3 | LED modules for light advertising and backlighting



## TECHNICAL DATA

### Electrical data

Nominal wattage	46 W
Construction wattage	46.00 W
Nominal wattage per LED module	1.31 W
Nominal voltage	12 V
Input voltage range	12...13 V
Reverse Voltage	13 V
Type of current	DC
Nominal current	3830.000 mA

### Photometrical data

Total useful luminous flux [PICOS]	5400 lm
Luminous efficacy	119 lm/W
Luminous flux	5400 lm
Luminous flux per module chain	5400 lm
Color temperature	4000 K
Color rendering index Ra	> 80
Light color LED	White
Light color (designation)	Cool White
Standard deviation of color matching	≤3 sdcm

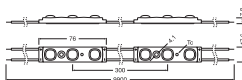
### Light technical data

Beam angle	155 °
Rated beam angle (half peak value)	155.00 °

### LED MODULE INFORMATION

Number of LEDs per module	3
Number of LED modules per chain	36
Minimum operable number of LED modules	1

### Dimensions & Weight



Length	11100 mm
Width	17.60 mm
Height	7.80 mm
Product weight	604.00 g

### Temperatures & operating conditions

Ambient temperature range	-25...75 °C
Maximum temperature at tc test point	-25...75 °C
Temperature range in operation	-25...75 °C <sup>1)</sup>

<sup>1)</sup> At the T<sub>c</sub> point

### Lifespan

Nominal lamp life time	50000 h
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### Additional product data

Product remark	Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see <a href="http://www.osram.com/led-systems">www.osram.com/led-systems</a> . / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values / In development, data preliminary
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### Capabilities

Dimmable	Yes
Dimming range	1...100 %

### Certificates & Standards

Approval marks – approval	UL recognized component / CE / ENEC
Standards	Acc. to ENEC 10 / CE; VDE / EAC / ENEC / UL
Type of protection	IP66
Energy consumption	1.30 kWh/1000h
Energy class of contained Light source	F

### LOGISTICAL DATA

Temperature range at storage	-25...85 °C
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**DOWNLOAD DATA****DOWNLOAD DATA**

User instruction



Declarations Of Conformity CE



LDT file (Eulumdat)

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**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899990449	Folding box 1	425 mm x 179 mm x 54 mm	977.00 g	4.11 dm <sup>3</sup>
4052899990456	Shipping box 5	438 mm x 284 mm x 198 mm	5185.00 g	24.63 dm <sup>3</sup>

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.

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**DISCLAIMER**

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