

## PRODUCT DATASHEET

### BA-S-CP-830- G4

BackLED S CP G4 | LED modules for light advertising and backlighting



#### Areas of application

- Backlighting of small channel letters
- Backlighting of small light boxes

#### Product benefits

- Over-molding technology for optimal protection
- Upgraded flux output up to 39 lm
- Uniform light pattern design for 50-100 mm light-box depth

#### Product features

- Color consistency in 3 SDCM
- IP66 Rated
- Patented Square Lens technology
- Wide CCT and color options available



## TECHNICAL DATA

### Electrical data

Nominal wattage	29.00 W
Construction wattage	29.00 W
Nominal wattage per LED module	0.32 W
Nominal voltage	12 V
Input voltage range	12...13 V
Reverse Voltage	13 V
Type of current	DC
Nominal current	2430.000 mA

### Photometrical data

Luminous efficacy	114 lm/W
Luminous flux	3330 lm
Luminous flux per module chain	3330 lm
Color temperature	3000 K
Color rendering index Ra	> 80
Light color LED	Warm White
Light color (designation)	Warm White
Standard deviation of color matching	≤3 sdcn

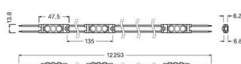
### Light technical data

Beam angle	155 °
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### LED MODULE INFORMATION

Number of LEDs per module	3
Number of LED modules per chain	90
Minimum operable number of LED modules	1

### Dimensions & Weight



Length	12253.00 mm
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Width	13.80 mm
Height	6.80 mm
Product weight	530.00 g

### Temperatures & operating conditions

Ambient temperature range	-30...+50 °C
Maximum temperature at tc test point	70 °C
Temperature range in operation	-20...+50 °C <sup>1)</sup>

<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

Nominal lamp life time	50000 h
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### Capabilities

Dimming range	1...100 %
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### Certificates & Standards

Approval marks – approval	CE
Standards	Acc. to IEC 62471 / Acc. to IEC 61347-1 / Acc. to EN 62031 / Acc. to IEC 60598-1 / Acc. to EN 55015 / Acc. to EN 61547 / Acc. to IEC 62778
Type of protection	IP66
Energy consumption	29.00 kWh/1000h
Energy class of contained Light source	F

### LOGISTICAL DATA

Temperature range at storage	-30...+85 °C
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### DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction
	IES file (IES)
	LDT file (Eulumdat)

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4062172166591	BAG 1			
4062172166607	Shipping box 25	435 mm x 435 mm x 310 mm	15032.00 g	58.66 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.