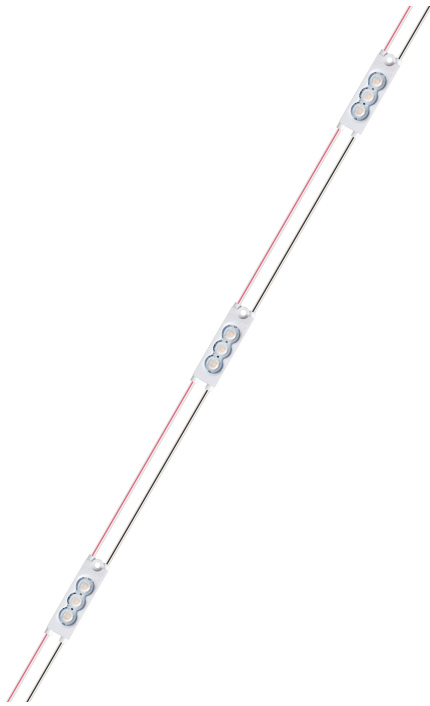


## PRODUCT DATASHEET BA-M-CP-840 G4

BackLED Plus | LED modules for light advertising and backlighting



---

### Areas of application

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

---

### Product 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



## TECHNICAL DATA

### Electrical data

Nominal wattage	28.80 W
Construction wattage	28.80 W
Nominal wattage per LED module	0.72 W
Nominal voltage	12 V
Input voltage range	12...13 V
Reverse Voltage	13 V
Type of current	DC
Nominal current	2000.000 mA

### Photometrical data

Luminous efficacy	113.9 lm/W
Luminous flux	3280 lm
Luminous flux per module chain	3280 lm
Color temperature	4000 K
Color rendering index Ra	≥80
Light color LED	White
Light color (designation)	White
Standard deviation of color matching	≤3 sdcm

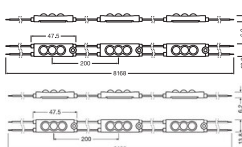
### Light technical data

Beam angle	155 °
------------	-------

### 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	8168.00 mm
Width	13.80 mm
Height	6.80 mm
Product weight	270.00 g

### Lifespan

Nominal lamp life time	50000 h
------------------------	---------

### Capabilities

Dimmable	Yes
Dimming range	1...100 %

### Certificates & Standards

Approval marks – approval	BIS / CE
Type of protection	IP66
Energy class of contained Light source	F

### LOGISTICAL DATA

Temperature range at storage	-30...+85 °C
------------------------------	--------------

### DOWNLOAD DATA

#### Documents and certificates



User instruction

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4062172183376	BAG 1		280.00 g	
4062172183383	Shipping box 50	435 mm x 435 mm x 310 mm	15282.00 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.

### DISCLAIMER

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

