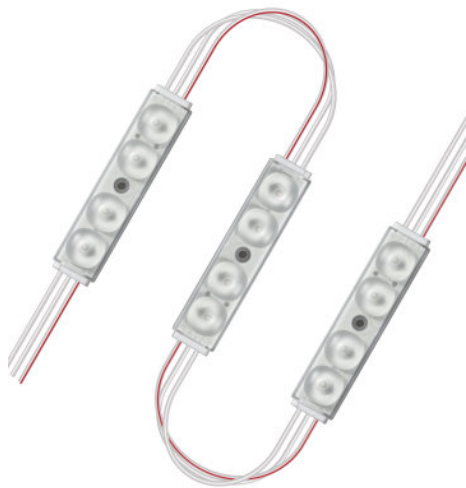


BackLED TW CP G5

LED modules for light advertising and backlighting



Product family features

- Light color: dynamic 2700...6500 K
- Compatible with OSRAM OPTOTRONIC constant voltage drivers / dimmers
- Color consistency in 3 SDCM
- Patented Square Lens technology
- IP66 rating
- Lifetime (L70/B50): 50,000 h (temperature at $T_c = 75\text{ °C}$)

Product family benefits

- Backside injection technology for high protection level
- 5 year guarantee

Areas of application

- Daylight simulation
- Channel letters
- Luminous areas and ceilings



Product family datasheet

Technical data

Electrical data

Product description	Nominal voltage	Accidental reverse input voltage protection up to	Input voltage range	Type of current
BA-TW-CP-827.865-24 -G5 ¹⁾	24.0 V	24 V	23.4...24.9 V	DC

¹⁾ See product remark

Photometrical data

Product description	Light color LED	Luminous efficacy
BA-TW-CP-827.865-24 -G5 ¹⁾	White	127/150 lm/W

¹⁾ See product remark

LED module information

Product description	Number of LEDs per module	Number of LED modules per chain	Minimum operable number of LED modules
BA-TW-CP-827.865-24 -G5 ¹⁾	4	30	1

¹⁾ See product remark

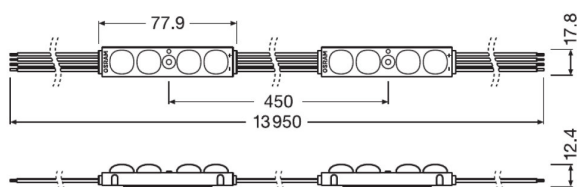
Dimensions & weight

Product description	Product weight
BA-TW-CP-827.865-24 -G5 ¹⁾	925.00 g

¹⁾ See product remark

Product family datasheet

Product line drawing



BA-TW-CP-827.865-24 -G5

Temperatures & operating conditions

Product description	Temperature range in operation at Tc point	Temperature range at storage
BA-TW-CP-827.865-24 -G5 ¹⁾	-25...75 °C	-25...85 °C

¹⁾ See product remark

Additional product data

Product description	Predecessor EAN	ID of contained light source
BA-TW-CP-827.865-24 -G5 ¹⁾	4052899452954	LS_SHZ_600837

¹⁾ See product remark

Capabilities

Product description	Dimmable	Dimming range
BA-TW-CP-827.865-24 -G5 ¹⁾	Yes	1...100 %

¹⁾ See product remark

Product family datasheet

Certificates & standards

Product description	Energy consumption	Type of protection	Standards
BA-TW-CP-827.865-24 -G5 ¹⁾	60 kWh/1000h	IP66	CE/ENEC/UL/BIS

¹⁾ See product remark

Logistical data

Product description	Commodity code
BA-TW-CP-827.865-24 -G5 ¹⁾	940542319000

¹⁾ See product remark

Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
BA-TW-CP-827.865-24 -G5 ¹⁾	18-01-2022	4052899627253	No declarable substances contained

Product description	Declaration No. in SCIP database
BA-TW-CP-827.865-24 -G5 ¹⁾	No declarable substances contained

¹⁾ See product remark

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 www.osram.com/led-systems)./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

Application advice

For more detailed application information and graphics please see product datasheet.

Product family datasheet








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.

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

File	
	User instruction BackLED XL CP G5 TW UI
	Product Datasheet Product datasheet BA TW CP 827.865 24V G5
	Brochures Technical application guide BackLED and BoxLED portfolio (EN)
	Certificates ENEC of BackLED CP G5
	Certificates UL certificate of Compliance BackLED CP G5
	CAD data 3-dim 3D drawing of BackLED CP 24V G5 TW
	IES data IES file of BA TW CP 827.865 24 G5

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899627253	BA-TW-CP-827.865-24 - G5	Shipping carton box 10	355 mm x 255 mm x 240 mm	21.73 dm ³	9900.00 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.

Product family datasheet

Disclaimer

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