BackLED TW Plus G2

LED modules for light advertising and backlighting



A termék jellemzői

- Connected with flexible cables
- Light color: dynamic 2700...6500 K
- Special robust encapsulation
- CE marked

A termék előnyei

- Flexible programmable lighting moods in connection with light management systems
- Uniform backlighting of large surfaces thanks to extremely wide angle optics
- Simple fixing with M3 screws
- UV and IR-free light preserves exhibits
- Consistent white light (Standard Deviation of Color Matching SDCM: < 3)
- 5 year guarantee

Alkalmazási területek

- Daylight simulation
- Spas
- Shops
- Offices
- Museums, art galleries
- Permanent outdoor use in enclosed light boxes or channel letters

© 2024, Inventronics GmbH. Minden jog fenntartva. Az Inventronics az OSRAM márka licencjogosultja. Az OSRAM az ams OSRAM védjegye.

Műszaki adatok

Elektromos adatok

Termékmegnevezés	Névleges feszültség	Névleges teljesítmény LED modulonként	Accidental reverse input voltage protection up to	Bemeneti feszültségtartomány	Áram típusa
BA-TW-PL 827-865 G2 [1)]	24.0 V	4,8 W	24 V	23,5…24,5 V	DC

[1)] Lásd a termék jelölést

Fotometriai adatok

Termékmegnevezés	Fényszín LED	Fényáram / lánc	Luminous efficacy
BA-TW-PL 827-865 G2 [1)]	White	9200 lm	95.8 lm/W

[1)] Lásd a termék jelölést

Fénytechnikai adatok

Termékmegnevezés	Beam angle
BA-TW-PL 827-865 G2 [1)]	150 °

[1)] Lásd a termék jelölést

LED modul információ

Termékmegnevezés	LED-ek száma / modul	LED modulok száma a láncban	LED modulok legkisebb működtethető száma
BA-TW-PL 827-865 G2 [1)]	12	20	1

[1)] Lásd a termék jelölést

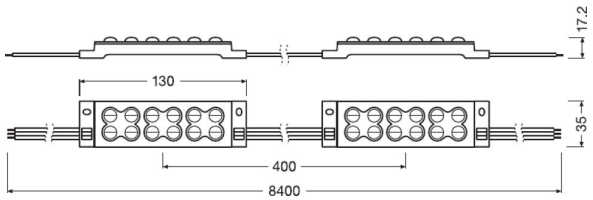
Méretek és súly

Termékmegnevezés	Termék súlya
BA-TW-PL 827-865 G2 [1)]	1400.00 g

[1)] Lásd a termék jelölést

© 2024, Inventronics GmbH. Minden jog fenntartva. Az Inventronics az OSRAM márka licencjogosultja. Az OSRAM az ams OSRAM védjegye.

Produkt Strichzeichnungen (vermasst)



BA-TW-PL 827-865 G2

Hőmérséklet és működési feltételek

Termékmegnevezés	Hőmérséklet-tartomány működéskor	Hőmérséklet-tartomány tároláskor
BA-TW-PL 827-865 G2 [1)]	-25…55 °C	-25…85 °C

[1)] Lásd a termék jelölést

További termékadatok

Termékmegnevezés	Utód EAN
BA-TW-PL 827-865 G2 [1)]	4052899627253

[1)] Lásd a termék jelölést

Képességek

Termékmegnevezés	Dimmelési tartomány
BA-TW-PL 827-865 G2 [1)]	5…100 %

[1)] Lásd a termék jelölést

© 2024, Inventronics GmbH. Minden jog fenntartva. Az Inventronics az OSRAM márka licencjogosultja. Az OSRAM az ams OSRAM védjegye.

Tanúsítványok és szabványok

Termékmegnevezés	Védettség típusa	Szabványok
BA-TW-PL 827-865 G2 [1)]	IP66	CE

[1)] Lásd a termék jelölést

Logisztikai adatok

Termékmegnevezés	Commodity code
BA-TW-PL 827-865 G2 [1)]	85395100000

[1)] Lásd a termék jelölést

Környezetvédelmi információk
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)

Termékmegnevezés	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
BA-TW-PL 827-865 G2 [1)]	07-07-2023	4052899452954	No declarable substances contained

Termékmegnevezés	Declaration No. in SCIP database
BA-TW-PL 827-865 G2 [1)]	No declarable substances contained

[1)] Lásd a termék jelölést

Termék jelölés

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)./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

Equipment / Accessories

- Seven types of OPTOTRONIC 24 V power supplies available
- BoxLED mounting profile BX-MP

Használati tanácsok

További részletes alkalmazási információkat és grafikákat a termék adatlapján talál.

© 2024, Inventronics GmbH. Minden jog fenntartva. Az Inventronics az OSRAM márka licencjogosultja. Az OSRAM az ams OSRAM védjegye.

Adatlap szöveg

- 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.
- Complies with IEC/EN 61547
- Complies with IEC/EN 61000-3-2
- Complies with EN 55015, CISPR 15
- Complies with IEC/EN 61347-1
- Complies with IEC/EN 61347-2-13
- LED modules are dimmable by means of PWM (pulse width modulation). It is recommended using the following OSRAM control gears: OPTOTRONIC OT DIM or OPTOTRONIC 24 V power supplies with integrated 1...10 V dimming interface.
- Parallel connection is mandatory for safe electrical operation. Serial connection of LED modules is stronly discouraged. Unbalanced voltage drop in serial connection can cause hazardous overload and damage the LED module.
- Electrical contact is achieved with the contact cables or the terminals of the module. Please refer to the technical data for maximum number of LED modules that can be operated on one control gear.
- In order to operate OSRAM LED modules safely, it is absolutely necessary to operate them with an electronically stabilized power supply that protects against short circuits, overload and overheating.
- In case other power supplies than OSRAM OPTOTRONIC are used, compliance to the neccessary operating parameters (voltage, current, power) has to be ensured.
- Pay attention to polarity! Wrong polarity can cause destruction or malfunction of the module.
- Conducting paths on the circuit board must not be damaged or destroyed during installation.
- The LED module itself and all its components must not be stressed mechanically.
- Operation in or under water is prohibited.
- To avoid mechanical damage, the LED modules have to be attached securely to the intended mounting surface. It is recommended to avoid heavy vibration.
- In case that the LED module is equipped with a pre-mounted double-sided adhesive tape, OSRAM assumes no liability and provides no guarantee for a permanent adherence of the modules to the surface. OSRAM recommends fixation of the modules by means of suitable screws.
- Complies with IEC 61347-1 cl. 18.3, cl. 18.4, IEC 60695-2-10, IEC 60695-11-5, IEC 60695-11-10 (classification V-0)
- All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the specified typical values 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.
- Module contains no PVC material.
- To ensure uniform illumination, a reflective matt white surface is generally recommended for all internal frame walls and back panels of light boxes.
- The module may cause noises during dimming. If a dimming operation is required, it is recommended to check the dimming operation for noises before final installation.

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

	File
	User instruction UI BackLED TW and RGBW Plus G2

© 2024, Inventronics GmbH. Minden jog fenntartva. Az Inventronics az OSRAM márka licencjogosultja. Az OSRAM az ams OSRAM védjegye.

	Brochures Technical application guide BackLED and BoxLED portfolio (EN)
	Declarations of conformity BACKLED PLUS G15 CE 3320783 06 260723
	Declarations of conformity 727532_Manufacturer´s Declaration BackLED PLUS
	CAD data 728688_CAD BackLED TW Plus G2.DWG
	CAD data 728689_CAD BackLED TW Plus G2.IGS
	CAD data 3-dim 728690_CAD BackLED TW Plus G2.STEP
	CAD data PDF 728631_CAD BackLBackLED TW Plus G2_PDF
	Eulumdat 728626_BackLED TW Plus G2_BA-TW-PL_2700K_4052899452954
	Eulumdat 728627_BackLED TW Plus G2_BA-TW-PL_2700K+6500K_4052899452954
	Eulumdat 728628_BackLED TW Plus G2_BA-TW-PL_6500K_4052899452954.ldt
	IES data IES_BackLED TW Plus G2
	IES data IES_BackLED TW Plus G2
	IES data IES_BackLED TW Plus G2

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.
- 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.

© 2024, Inventronics GmbH. Minden jog fenntartva. Az Inventronics az OSRAM márka licencjogosultja. Az OSRAM az ams OSRAM védjegye.

Logisztikai adatok

Termékkód	Termékmegnevezés	Csomagolás (darab/egység)	Méretek (hosszúság x szélesség x magasság)	Térfogat	Bruttó súly
4052899452954	BA-TW-PL 827-865 G2	Karton 5	473 mm x 328 mm x 292 mm	45.30 dm^3	9777.00 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.

Opcionális tartozékok

Termékmegnevezés	Tartozékok neve	Tartozékok kódja
BA-TW-PL 827-865 G2	BX -MP	4008321981110

References / Links

For more information on the multi-level guarantee and the terms and conditions of the guarantee visit https://
- www.inventronics-light.com/multilevel-guarantees

Lemondás

A változtatás jogát fenntartjuk. Hibák és mulasztások kizárva. Mindig győződjön meg arról, hogy a legújabb kiadást használja.

© 2024, Inventronics GmbH. Minden jog fenntartva. Az Inventronics az OSRAM márka licencjogosultja. Az OSRAM az ams OSRAM védjegye.