BA-TW-PL 827-865 G2

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

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Műszaki adatok

Elektromos adatok

Névleges feszültség	24.0 V
Névleges teljesítmény LED modulonként	4,8 W
Accidental reverse input voltage protection up to	24 V
Bemeneti feszültségtartomány	23,5…24,5 V
Áram típusa	DC

Fotometriai adatok

Fényszín LED	White
Fényáram / lánc	9200 lm
Luminous efficacy	95.8 lm/W
Fényáram / LED modul	460 lm

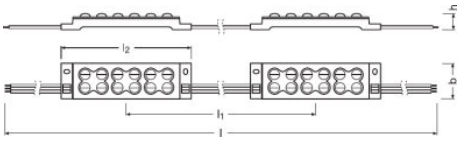
Fénytechnikai adatok

Beam angle	150 °

LED modul információ

LED-ek száma / modul	12
LED modulok száma a láncban	20
LED modulok legkisebb működtethető száma	1

Méretek és súly



Termék súlya	1400.00 g
Hosszúság	130.0 mm
Szélesség	35.0 mm
Magasság	12.3 mm
Module length	47.5 mm

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Module pitch	500 mm

Hőmérséklet és működési feltételek

Hőmérséklet-tartomány működéskor	-25…55 °C
Hőmérséklet-tartomány tároláskor	-25…85 °C

További termékadatok

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)./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
Utód EAN	4052899627253

Képességek

Dimmelési tartomány	5…100 %

Tanúsítványok és szabványok

Védettség típusa	IP66
Szabványok	CE
Jóváhagyási jelek	CE
Energy efficiency class of the contained light source	G

Logisztikai adatok

Commodity code	85395100000

Környezetvédelmi információk

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	07-07-2023
Primary Article Identifier	4052899452954
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

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484525_5 Year Osram Guarante
(GB)

Equipment / Accessories

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

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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.

Download Data

	File
	User instruction UI BackLED TW and RGBW Plus G2
	Brochures Technical application guide BackLED and BoxLED portfolio (EN)
	Declarations of conformity BACKLED PLUS G15 CE 3320783 06 260723

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	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.

Logisztikai adatok

Termékkód	Termékmegnevezés	Csomagolás (darab/egység)	Méretek (hosszúság x szélesség x magasság)	Térfogat	Bruttó súly

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Logisztikai adatok

4052899452954	BA-TW-PL 827-865 G2	Karton 5	473 mm x 328 mm x 292 mm	45.30 dm³	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

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