

BA-TW-PL 827-865 G2

BackLED TW Plus G2 | Moduli LED per insegne luminose e retroilluminazione



Caratteristiche prodotto

- Collegato con cavi flessibili
- Tonalità di luce: dinamica 2.700... 6500 K
- Speciale incapsulamento robusto
- Omologazione CE

Vantaggi prodotto

- Grande varietà di ambienti luminosi programmabili in combinazione con i sistemi di gestione della luce
- Retroilluminazione uniforme di grandi superfici grazie all'ottica con apertura estremamente ampia
- Fissaggio facile con viti M3
- La luce priva di UV e IR preserva la merce esposta
- Luce bianca costante (deviazione standard della corrispondenza cromatica SDCM: < 3)
- 5 anni di garanzia

Aree applicative

- Simulazione della luce naturale
- Stabilimenti termali
- Negozi
- Uffici
- Musei, gallerie d'arte
- Uso permanente in esterni in scatole luci chiuse o lettere scatolate



Dati tecnici

Dati elettrici

Tensione nominale	240 V
Potenza nominale per modulo LED	4,8 W
Accidental reverse input voltage protection up to	24 V
Gamma di tensione	23,5...24,5 V
Tipo di corrente	DC

Dati fotometrici

Tonalità di luce del LED	bianco
Flusso luminoso per catena di moduli	9200 lm
Efficienza luminosa	958 lm/W
Flusso luminoso per modulo LED	460 lm

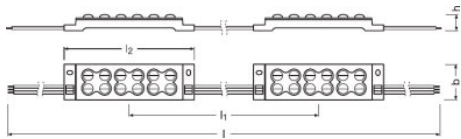
Dati illuminotecnici

Ampiezza fascio luminoso	150 °
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Informazioni sul modulo LED

Numero di LED per modulo	12
Numero di moduli LED per catena	20
Numero minimo utilizzabile di moduli LED	1

Dimensioni e peso



Peso prodotto	140000 g
Lunghezza	1300 mm
Larghezza	350 mm
Altezza	123 mm
Module length	47.5 mm

Scheda prodotto

Module pitch	500 mm
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Temperature e condizioni di utilizzo

Temperatura di funzionamento	-25...55 °C
Temperatura di stoccaggio	-25...85 °C

Dati di prodotto aggiuntivi

Nota a piè pag. utilizzata per prodotto	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/Per i dati fotometrici e informazioni importanti su sicurezza, installazione e applicazione, consultare il sito www.osram.com/led-systems/ Tutti i parametri tecnici si applicano al modulo completo. In considerazione del complesso processo di produzione dei diodi a emissione luminosa, i valori tipici forniti sopra per i parametri LED tecnici sono puramente valori statistici che non corrispondono necessariamente ai valori tecnici effettivi di un singolo prodotto; i singoli prodotti possono variare dai valori tipici
EAN sostitutivo	4052899627253

Caratteristiche

Campo di regolazione	5...100 %
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Certificati, Norme, Direttive

Grado di protezione	IP66
Norme	CE
Marchi di approvazione	CE
Energy efficiency class of the contained light source	G

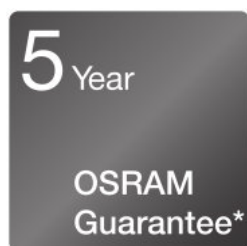
Dati logistici

Codice prodotto di base	85395100000
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Environmental information

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

Scheda prodotto



484525_5 Year Osram Guarante
(GB)

Apparecchiatura / Accessori

- Disponibili sette tipi di alimentatori OPTOTRONIC 24 V
- Profilato di montaggio per BoxLED

Testo delle specifiche

- 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 strongly 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 necessary 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 dati

File	
	User instruction UI BackLED TW and RGBW Plus G2
	Brochure Technical application guide BackLED and BoxLED portfolio (EN)
	Dichiarazioni di conformità BACKLED PLUS G15 CE 3320783 06 260723

Scheda prodotto

	Dichiarazioni di conformità 727532_Manufacturer's Declaration BackLED PLUS
	Dati CAD 728688_CAD BackLED TW Plus G2.DWG
	Dati CAD 728689_CAD BackLED TW Plus G2.IGS
	Dati CAD 3-dim 728690_CAD BackLED TW Plus G2.STEP
	Dati CAD in 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.ltd
	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.

Dati logistici

Codice prodotto	Descrizione del prodotto	Unità di imballo (Pezzi/unità)	Dimensioni (lunghezza x profondità x altezza)	Volume	Peso lordo
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Scheda prodotto

Dati logistici

4052899452954	BA-TW-PL 827-865 G2	Cartone di spedizione 5	473 mm x 328 mm x 292 mm	45.30 dm ³	9777.00 g
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1) Il codice prodotto indicato descrive la minore quantità che può essere ordinata. Una unità di spedizione può contenere uno o più di un singolo prodotto. Quando si inserisce un ordine, per la quantità inserire una o più unità di spedizione.

Referenze/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>

Clausola

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