

BA-TW-PL 827-865 G2

BackLED TW Plus G2 | Módulos LED para iluminación publicitaria y trasera



Características del producto

- Conectado con cables flexibles
- Color de luz: dinámica 2700...6500 K
- Encapsulación especialmente robusta
- Certificado CE

Beneficios del producto

- Ambientes de iluminación programables con flexibilidad, en conexión con sistemas de control de luz
- Luz de fondo homogénea de grandes superficies gracias a una óptica de ángulo extremadamente ancha
- Fijación sencilla con tornillos M3
- La luz libre de radiación UV e IR evita exposiciones
- Luz blanca consistente (desviación estándar de ajuste de color SDCM: < 3)
- 5 años de garantía

Áreas de aplicación

- Simulación de luz diurna
- Spas
- Comercios
- Oficinas
- Museos, galerías de arte
- Uso permanente en exteriores, en cajas de luz cerradas o rótulos corpóreos



Hoja de datos de producto

Datos técnicos

Datos eléctricos

Tensión nominal	24,0 V
Nivel de pot. nominal por módulo LED	4,8 W
Accidental reverse input voltage protection up to	24 V
Margen de voltaje	23,5...24,5 V
Tipo de corriente	corriente continua (CC)

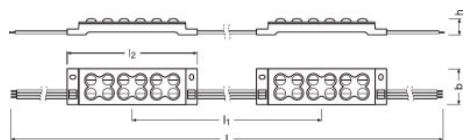
Datos Fotométricos

Tono de luz LED	blanco
Flujo luminoso por cadena de módulo	9200 lm
Eficacia luminosa	95,8 lm/W
Flujo luminoso por módulo LED	460 lm

Información módulos LED

Número de LED por módulo	12
Número de módulos LED por cadena	20
Número mínimo de módulos LED operativos	1

Dimensiones y peso



Peso del producto	1400,00 g
Largo	130,0 mm
Ancho	35,0 mm
Alto	12,3 mm
Module length	47.5 mm
Module pitch	500 mm

Temp. y condiciones de funcionamiento

Hoja de datos de producto

Área de temperatura de funcionamiento	-25...55 °C
Temperatura de almacenamiento	-25...85 °C

Datos adicionales del producto

Pie de pág. usado solo para el producto	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/Más información sobre datos fotométricos, seguridad, montaje y aplicación en www.osram.com/led-systems/ Todos los parámetros técnicos valen para todo el módulo. Debido al complejo proceso de fabricación de los diodos los valores típicos indicados de los parámetros-LED representan solo valores estadísticos que no tienen que corresponder necesariamente a los valores técnicos reales de cada producto que puede variar del valor típico.
EAN tipo sucesor	4052899627253

Capacidades

Margen de regulación	5...100 %
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Certificados & Normas

Tipo de protección	IP66
Normas	CE
Símbolos de homologación	CE
Energy efficiency class of the contained light source	G

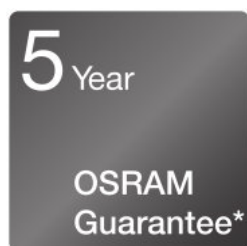
Datos logísticos

Número estadístico de material	853951000000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	23-05-2022
Primary Article Identifier	4052899452954
Declaration No. in SCIP database	In work

Hoja de datos de producto



484525_5 Year Osram Guarante
(GB)

Equipamiento / Accesorios




- Siete tipos de alimentación OPTOTRONIC 24 V disponibles
- Perfil de montaje BoxLED

Hoja de datos de producto

Texto de la hoja técnica

- 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.

Descarga datos

Fichero	
	User instruction UI BackLED TW and RGBW Plus G2
	Folleto de ventas Technical application guide BackLED and BoxLED portfolio (EN)
	Declaración de conformidad 727530_EC BackLED PLUS

Hoja de datos de producto

	Declaración de conformidad 727532_Manufacturer's Declaration BackLED PLUS
	Datos CAD 728688_CAD BackLED TW Plus G2.DWG
	Datos CAD 728689_CAD BackLED TW Plus G2.IGS
	Datos CAD 3-dim 728690_CAD BackLED TW Plus G2.STEP
	Datos CAD 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.

Logistical Data

Código del producto	Descripción del producto	Unidad de embalaje (Piezas/unidad)	Dimensiones (largo x ancho x alto)	Volúmen	Peso bruto
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Hoja de datos de producto

Logistical Data

4052899452954	BA-TW-PL 827-865 G2	Embalaje de envío 5	473 mm x 328 mm x 292 mm	45.30 dm ³	9777.00 g
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El código del producto mencionado describe la unidad más pequeña de la cantidad que se puede pedir. Una unidad de envío puede contener uno o más productos individuales. Al cursar un pedido, introduzca la cantidad de la unidad de envío o su múltiple.

Accesorios Opcionales

Descripción del producto	Nombre de accesorio	Código de accesorio
BA-TW-PL 827-865 G2	BX -MP	▶ 4008321981110

Referencias / links

For more information on the multi-level guarantee and the terms and conditions of the guarantee visit

▶ www.osram.com/system-guarantee

Aviso

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