

BA-TW-PL 827-865 G2

BackLED TW Plus G2 | Módulos de LED para peças publicitárias e iluminação backlight



Características do produto

- Conectado com cabos flexíveis
- Cor de luz: dinâmica 2700...6500 K
- Encapsulamento resistente especial
- Marcação CE

Benefícios do produto

- Controle de iluminação programável flexível em conexão com os sistemas de gerenciamento de luz
- Backlighting uniforme de superfícies grandes graças aos elementos ópticos de ângulos extremamente grandes
- Fixação simples com parafusos M3
- A luz livre de raios UV e de infravermelho preserva as exposições
- Luz branca consistente (Standard Deviation of Color Matching SDCM: < 3)
- 5 anos de garantia

Áreas de aplicação

- Simulação da luz do dia
- Spas
- Lojas
- Escritórios
- Museus, galerias de arte
- Uso externo permanente em caixas de luz embutidas ou letreiros de perfis



Ficha técnica do produto

Dados técnicos

Dados Elétricos

Tensão nominal	240 V
Potência nominal por módulo LED	4,8 W
Accidental reverse input voltage protection up to	24 V
Gama de tensão de entrada	23,5...24,5 V
Tipo de corrente	Corrente contínua (DC)

Dados fotométricos

Cor da luz do LED	branco
Fluxo luminoso por cadeia de módulo	9200 lm
Rendimento luminoso	958 lm/W
Fluxo luminoso por módulo LED	460 lm

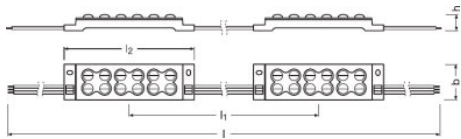
Dados Luminotécnicos

Ângulo de abertura	150 °
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Informação sobre módulos LED

Número de LEDs por módulo	12
Número de módulos LED por cadeia	20
Núm. mín. de módulos LED.	1

Dimensões e peso



Peso do produto	140000 g
Comprimento	1300 mm
Largura	350 mm
Altura	123 mm
Module length	47.5 mm

Ficha técnica do produto

Module pitch	500 mm
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Temperaturas e condições de funcionamento

Gama de temperatura no funcionamento	-25...55 °C
Temperatura de armazenagem	-25...85 °C

Informação adicional do produto

Observação de produto	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/Para os atuais dados fotométricos e informações importantes de segurança, instalação e aplicação, ver www.osram.com/led-sistemas ./Todos os parâmetros técnicos se aplicam a todo o módulo.Em vista do processo complexo de fabricação para diodos emissores de luz, os valores típicos fornecidos acima para os parâmetros técnicos LED são meramente valores estatísticos que não necessariamente correspondem aos parâmetros reais técnicos de um produto individual; produtos individuais podem variar a partir dos valores típicos
EAN sucessor	4052899627253

Atributos

Faixa de dimerização	5...100 %
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Normas e Certificações

Tipo de protecção	IP66
Normas	CE
Selo de aprovação	CE
Energy efficiency class of the contained light source	G

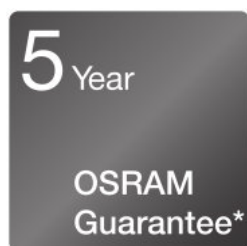
Dados logísticos

Código do material	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

Ficha técnica do produto



484525_5 Year Osram Guarante
(GB)

Equipamento / Acessórios

- Sete tipos de fontes de alimentação OPTOTRONIC de 24 V disponíveis
- Perfis de montagem BoxLED

Ficha técnica do produto

Texto ficha 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.

Download Data

Arquivo	
	User instruction UI BackLED TW and RGBW Plus G2
	Brochuras Technical application guide BackLED and BoxLED portfolio (EN)
	Declarações de conformidade BACKLED PLUS G15 CE 3320783 06 260723

Ficha técnica do produto

	Declarações de conformidade 727532_Manufacturer's Declaration BackLED PLUS
	Dados CAD 728688_CAD BackLED TW Plus G2.DWG
	Dados CAD 728689_CAD BackLED TW Plus G2.IGS
	Dados CAD 3-dim 728690_CAD BackLED TW Plus G2.STEP
	Dados 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.

Dados de Logística

Código do produto	Descrição do produto	Embalagem unitária (peças/unidade)	Dimensões (comprimento x largura x altura)	Volume	Peso bruto
4052899452954	BA-TW-PL 827-865 G2		473 mm x 328 mm x 292 mm	45.30 dm ³	9777.00 g

Ficha técnica do produto

Dados de Logística

O código do produto mencionado indica a quantidade mínima a ser adquirida. Uma caixa unitária pode conter um ou mais produtos. Quando for colocar o pedido de compras, indique uma quantidade unitária ou múltiplos da caixa unitária.

Referências / 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

Retratação

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