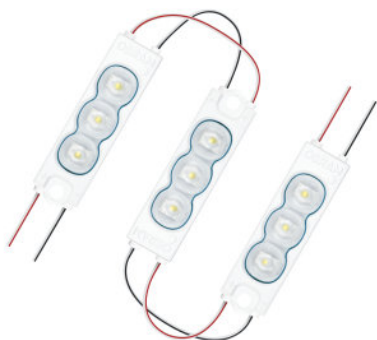


BA-S-PL BL D

BackLED S Plus G15 | Módulos LED para publicidade e retroiluminação



Características do produto

- Conectado com cabos flexíveis
- Tipo de proteção (módulos): IP66
- Índice de reprodução de cor R_a : > 80
- Com marcação CE e aprovação UL

Benefícios do produto

- Iluminação uniforme com pontos de LED elevados graças à tecnologia lentes quadradas
- Módulos compatíveis com os perfis de montagem do BackLED
- Eficiência na aplicação significativamente melhor comparada aos sistemas sem lentes
- Diversas opções para montagem rápida e simples: parafusamento ou sob pressão
- Excelente eficácia do módulo
- Vida útil muito longa
- 5 anos de garantia

Áreas de aplicação

- Sinalização e publicidade iluminada
- Backlighting de letras de canaletas pequenas e/ou lisas
- Uso externo permanente em caixas de luz embutidas ou letreiros de perfis



Dados técnicos

Dados elétricos

Tensão nominal	12,0 V
Potência nominal por cadeia	16,90 W
Potência nominal por módulo LED	0,38 W
Accidental reverse input voltage protection up to	13 V
Gama de tensão de entrada	12...13 V
Tipo de corrente	Corrente contínua (DC)

Dados fotométricos

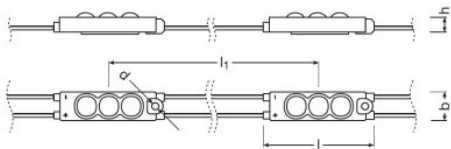
Comprimento de onda dominante (nominal)	466 nm
Cor da luz do LED	azul
Fluxo luminoso por cadeia de módulo	255 lm
Fluxo luminoso por módulo LED	5,7 lm
Rendimento luminoso	15,1 lm/W ¹⁾

¹⁾ Cool conditions (Tc = 25 °C) / Steady state (Ta = 25 °C)

Informação sobre módulos LED

Número de LEDs por módulo	3
Número de módulos LED por cadeia	45
Núm. mín. de módulos LED.	1

Dimensões e peso



Comprimento	6280,0 mm
Largura	12,0 mm
Altura	6,0 mm
Peso do produto	250,00 g
Module length	45.5 mm

Ficha técnica do produto

Module pitch	135 mm
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Temperaturas e condições de funcionamento

Gama de temperatura no funcionamento	-25...65 °C ¹⁾
Temperatura de armazenagem	-25...85 °C

¹⁾ No ponto T_c

Vida útil

Vida mediana	30000 h
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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
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Atributos

Dimerizável	Sim
Faixa de dimerização	1...100 %

Normas e Certificações

Consumo de energia	19 kWh/1000h
Tipo de protecção	IP66
Normas	Acc. IEC 62031/Acc. IEC 62471/Acc. CISPR 15/Acc. IEC 61547/Acc. EN 60529
Selo de aprovação	CE / UL listed

Dados logísticos

Código do material	85395100000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (RECh)	
Date of Declaration	23-05-2022
Primary Article Identifier	4052899300675
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)

Equipamento / Acessórios

- BA-SM-MP perfil de montagem para BackLED
- Vários tipos de fontes de alimentação disponíveis OPTOTRONIC 12 V

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
- 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.
- 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.
- 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 730347_User instruction BackLED L M S Plus
	Brochures Technical application guide BackLED and BoxLED portfolio (EN)
	Certificates 647683_MD-DoC BackLED SM Plus G15

Ficha técnica do produto

	Declarations of conformity BACKLED S M family CE 325040 11 240723
	CAD data 652642_CAD Daten BA-S-PL G15_STEP
	CAD data 652643_CAD Daten BA-S-PL G15_IGS
	CAD data 652653_CAD Daten BA-S-PL G15_pdf
	Eulumdat 655225_BA-S-PL BLUE G15_IES
	Eulumdat 655226_BA-S-PL BLUE G15_LTD

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
4052899300675	BA-S-PL BL D	Shipping carton box 5	428 mm x 254 mm x 298 mm	32.40 dm³	3437.00 g

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.

acessório opcional

Descrição do produto	nome do acessório	código do acessório
BA-S-PL BL D	BA -SM-MP	▶ 4052899264540

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>

Retrata

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