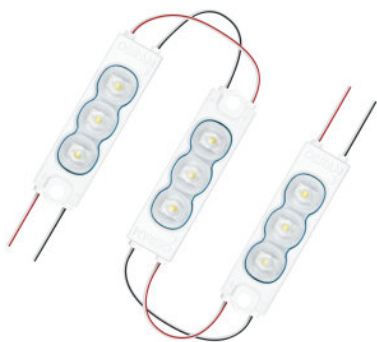


BA-S-PL BL D

BackLED S Plus G15 | Moduli LED per insegne luminose e retroilluminazione



Caratteristiche prodotto

- Collegato con cavi flessibili
- Classe di protezione (moduli): IP66
- Indice di resa cromatica R_a : > 80
- Omologato CE e UL

Vantaggi prodotto

- Illuminazione uniforme anche con valori di pitch elevati grazie alla tecnologia Square Lens
- Moduli compatibili con il profilato di montaggio per BackLED
- Efficienza dell'applicazione notevolmente migliore rispetto ai sistemi senza lenti
- Diverse opzioni per un montaggio rapido e facile: bulloni o inserimento a scatto
- Eccellente efficienza del modulo
- Durata molto lunga
- 5 anni di garanzia

Aree applicative

- Insegne luminose e illuminazione pubblicitaria
- Retroilluminazione di lettere scatolate piccole e/o sottili
- Uso permanente in esterni in scatole luci chiuse o lettere scatolate



Dati tecnici

Dati elettrici

Tensione nominale	12,0 V
Potenza nominale per catena	16,90 W
Potenza nominale per modulo LED	0,38 W
Accidental reverse input voltage protection up to	13 V
Gamma di tensione	12...13 V
Tipo di corrente	DC

Dati fotometrici

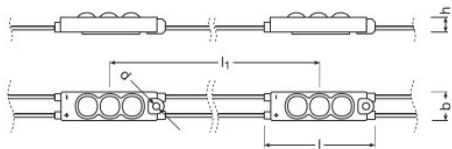
Lungh d'onda nominale della fondamentale	466 nm
Tonalità di luce del LED	blu
Flusso luminoso per catena di moduli	255 lm
Flusso luminoso per modulo LED	5,7 lm
Efficienza luminosa	15,1 lm/W ¹⁾

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

Informazioni sul modulo LED

Numero di LED per modulo	3
Numero di moduli LED per catena	45
Numero minimo utilizzabile di moduli LED	1

Dimensioni e peso



Lunghezza	6280,0 mm
Larghezza	12,0 mm
Altezza	6,0 mm
Peso prodotto	250,00 g
Module length	45.5 mm

Scheda prodotto

Module pitch	135 mm
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Temperature e condizioni di utilizzo

Temperatura di funzionamento	-25...65 °C ¹⁾
Temperatura di stoccaggio	-25...85 °C

¹⁾ Al punto T_c

Durata

Durata	30000 h
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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
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Caratteristiche

Dimmerabile	Sì
Campo di regolazione	1...100 %

Certificati, Norme, Direttive

Consumo di energia	19 kWh/1000h
Grado di protezione	IP66
Norme	Secondo IEC 62031/Secondo IEC 62471/Secondo CISPR 15/Secondo IEC 61547/Secondo EN 60529
Marchi di approvazione	CE / UL listed

Dati logistici

Codice prodotto di base	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

Scheda prodotto

Declaration No. in SCIP database	No declarable substances contained
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484525_5 Year Osram Guarante
(GB)

Apparecchiatura / Accessori

- Profilo di montaggio BA-SM-MP per BackLED
- Diversi tipi di alimentatori OPTOTRONIC 12 V disponibili

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
- 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 dati

File	
	User instruction 730347_User instruction BackLED L M S Plus
	Brochure Technical application guide BackLED and BoxLED portfolio (EN)
	Certificati 647683_MD-DoC BackLED SM Plus G15

Scheda prodotto

	Dichiarazioni di conformità BACKLED S M family CE 325040 11 240723
	Dati CAD 652642_CAD Daten BA-S-PL G15_STEP
	Dati CAD 652643_CAD Daten BA-S-PL G15_IGS
	Dati CAD 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.

Dati logistici

Codice prodotto	Descrizione del prodotto	Unità di imballo (Pezzi/unità)	Dimensioni (lunghezza x profondità x altezza)	Volume	Peso lordo
4052899300675	BA-S-PL BL D	Cartone di spedizione 5	428 mm x 254 mm x 298 mm	32.40 dm ³	3437.00 g

1)☒ 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.

Accessori opzionali

Descrizione del prodotto	Nome dell'accessorio	Codice dell'accessorio
BA-S-PL BL D	BA -SM-MP	▶ 4052899264540

Scheda prodotto

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.