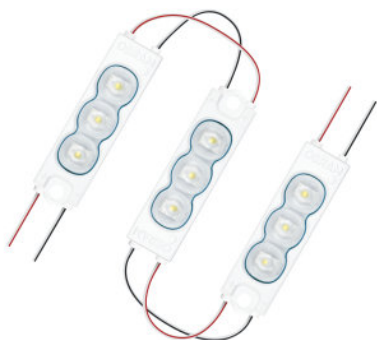


BA-S-PL BL D

BackLED S Plus G15 | LED-moduler för ljusreklam och bakgrundsbelysning



Produktegenskaper

- Ansluten med flexibla kablar
- Typ av skydd (moduler): IP66
- Färgåtergivningsindex R_a : > 80
- CE-märkt och listad hos UL

Produktfördelar

- Likformig belysning vid höga LED-avstånd tack vare fyrkantig linsteknik
- Moduler är kompatibla med BackLED montageprofil
- Betydligt bättre verkningsgrad jämfört med system utan linser
- Flera alternativ för snabb och enkel montering: bult eller snäpp-in
- Utmärkt modulverkningsgrad
- Mycket lång livslängd
- 5 års garanti

Användningsområde

- Skyltar och ljusreklam
- Bakbelysning av små och / eller platta tecken eller bokstäver
- Permanent användning utomhus i inkapslade ljuslådor eller skyltbokstäver



Tekniska data

Elektriska data

Nominell märkspänning	12,0 V
Nominell wattstyrka per kedja	16,90 W
Nominell wattstyrka per LED-modul	0,38 W
Accidental reverse input voltage protection up to	13 V
Inspänningsområde	12...13 V
Strömtyp	Direkt ström (DC)

Fotometrisk data

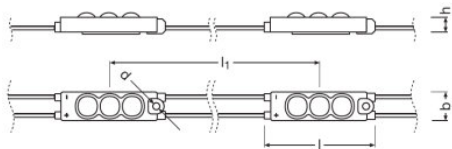
Dominant våglängd (nom)	466 nm
Ljusfärg LED	blå
Ljusflöde per modulkedja	255 lm
Ljusflöde per LED-modul	5,7 lm
Ljusutbyte	15,1 lm/W ¹⁾

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

LED-modulinformation

Antal LED per modul	3
Antal LED-moduler per kedja	45
Minsta antal manövrerade LED-moduler	1

Mått



Längd	6280,0 mm
Bredd	12,0 mm
Höjd	6,0 mm
produktvikt	250,00 g
Module length	45.5 mm

Produktdatablad

Module pitch	135 mm
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Temperaturer och driftsförhållanden

Temperaturområde vid T _c punkten	-25...65 °C ¹⁾
Förvaringstemperatur	-25...85 °C

¹⁾ Vid T_c punkten

Livslängder

Livslängd	30000 h
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Tillägg produktdata

Produkt anmärkning	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/För aktuella fotometriska data och viktig säkerhets, installations och tillämpningsinformation, se www.osram.com/led-systems/ Samtliga tekniska parametrar som gäller för hela modulen. Mot bakgrund av den komplicerade tillverkningsprocessen för lysdioder så är de typiska värden som anges ovan för LED tekniska parametrar bara statistiska värden som inte nödvändigtvis motsvarar de faktiska tekniska parametrarna för en enskild produkt, enskilda produkter kan variera från de typiska värdena
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Användningsområden

Ljusreglerbar	Ja
Ljusregleringsområde	1...100 %

Certifikat och Standarder

Energiförbrukning	19 kWh/1000h
Skyddstyp	IP66
Standarder	enL IEC 62031/Acc. to IEC 62471/enL CISPR 15/enL IEC 61547/Acc. to EN 60529
Godkännandemärkning	CE / UL listed

Logistikdata

Statistiskt varunummer	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)

Teknisk utrustning

- BackLED monteringsprofil BA-SM-MP
- Flera typer av OPTOTRONIC 12 V elektroniska drivdon tillgängliga

Databladstext

- 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

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

Produktdatablad

	Konformitetsdeklaration 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.

Logistiska data

Produktnummer	Produktbeskrivning	Förpackningsenhet (Styck/Enhet)	Dimensioner (längd x bredd x höjd)	Volym	Bruttovikt
4052899300675	BA-S-PL BL D	Transportförpackning 5	428 mm x 254 mm x 298 mm	32.40 dm ³	3437.00 g

Produktkoden gäller minsta tillåtna beställningskvantitet. En transportförpackning kan innehålla en eller flera produkter. Vid orderläggning, vänligen ange en eller flera transportförpackningar.

Valfria tillbehör

Produktbeskrivning	Tillbehörets namn	Tillbehörets kod
BA-S-PL BL D	BA -SM-MP	▶ 4052899264540

Referenser / Länkar

For more information on the multi-level guarantee and the terms and conditions of the guarantee visit [https://](https://www.inventronics-light.com/multilevel-guarantees)

▶ www.inventronics-light.com/multilevel-guarantees

Friskrivningsklausul

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