

BackLED RGBW Plus G2

LED-moduler för ljusreklam och bakgrundsbelysning



Produktegenskaper

- Ansluten med flexibla kablar
- Särskild robust inkapsling
- CE-märkt
- Dimbar med pulsbreddsmodulering (PWM)

Produktfördelar

- Enkel montering med M3 skruvar
- Bred palett färgblandning (i samband med ljusstyrningssystem)
- Likformig bakgrundsbelysning av stora ytor, tack vare extremt vidvinkeloptik
- Enkel anslutning med öppna kabeländar
- 5 års garanti



Användningsområde

- Special-purpose and decorative lighting applications
- Dynamiskfärg bakkelysning
- Dynamisk stämningsbelysning
- Span
- Butiker
- Restauranger
- Mässbelysning
- Permanent användning utomhus i inkapslade ljuslådor eller skyltbokstäver

Tekniska data

Elektriska data

Produktbeskrivning	Nominell märkspänning	Nominell wattstyrka per LED-modul	Accidental reverse input voltage protection up to	Inspänningso mråde	Strömtyp
BA-RGBW-PL G2	24,0 V	2,84 W	24 V	23...25 V	Direkt ström (DC)

Fotometrisk data

Produktbeskrivning	Ljutfärg (angiven)	Ljutfärg LED	Ljusflöde per modulkedja	Ljusutbyte	SDCM Standardavvikelse färgmatchning
BA-RGBW-PL G2	RGBW	RGB, 6500 K	2310 lm	54 lm/W	≤5 sdc

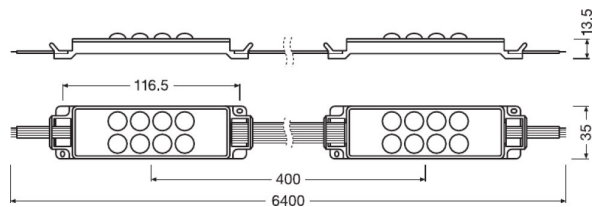
LED-modulinformation

Produktbeskrivning	Antal LED per modul	Antal LED-moduler per kedja	Minsta antal manövrerade LED-moduler
BA-RGBW-PL G2	8	15	3

Mått

Produktbeskrivning	produktvikt
BA-RGBW-PL G2	900,00 g

Produktskiss med nummer



BA-RGBW-PL G2

Temperaturer och driftsförhållanden

Produktbeskrivning	Temperaturområde vid Tc punkten	Förvaringstemperatur
BA-RGBW-PL G2	-25...75 °C	-25...65 °C

Tillägg produktdata

Produktbeskrivning	Produkten ersätts av EAN
BA-RGBW-PL G2	4052899452930

Användningsområden

Produktbeskrivning	Ljusregleringsområde
BA-RGBW-PL G2	5...100 %

Certifikat och Standarder

Produktbeskrivning	Skyddstyp	Standarder
BA-RGBW-PL G2	IP66	CE

Logistikdata

Produktbeskrivning	Statistiskt varunummer
BA-RGBW-PL G2	85395100000

Environmental information
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Produktbeskrivning	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
BA-RGBW-PL G2	16-06-2023	4062172030168	No declarable substances contained

Produktbeskrivning	Declaration No. in SCIP database
BA-RGBW-PL G2	No declarable substances contained

Teknisk utrustning

- Flera typer av OPTOTRONIC 24 V elektroniska drivdon tillgängliga
- BoxLED monteringsprofil BX-MP

Appliktionsråd

För mer detaljerad applikationsinformation och grafik, vänligen se produktdatablad

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
- 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.

Försäljning och teknisk support

Försäljning och teknisk support www.osram.se

Download

Dokument	
	User instruction UI BackLED TW and RGBW Plus G2

Datablad produktfamilj

	Broschyrer Technical application guide BackLED and BoxLED portfolio (EN)
	Konformitetsdeklaration BACKLED PLUS G15 CE 3320783 06 260723
	Konformitetsdeklaration 727532_Manufacturer's Declaration BackLED PLUS
	CAD-data 728616_CAD_BackLED RGBW Plus G2_dwg
	CAD-data 728617_CAD_BackLED RGBW Plus G2_isg
	CAD-data 3-dim 728618_CAD_BackLED RGBW Plus G2_step
	CAD-data PDF 728615_CAD BackLED RGBW Plus G2_pdf
	Eulumdat 728621_BackLED RGBW Plus G2 BA-RGBW-PL_Blue_4052899452930
	Eulumdat 728622_BackLED RGBW Plus G2 BA-RGBW-PL_Green_4052899452930
	Eulumdat 728623_BackLED RGBW Plus G2 BA-RGBW-PL_RGBW_4052899452930
	Eulumdat 728624_BackLED RGBW Plus G2 BA-RGBW-PL_Red_4052899452930
	Eulumdat 728625_BackLED RGBW Plus G2 BA-RGBW-PL_White_4052899452930
	IES data IES_BackLED RGBW Plus G2
	IES data IES_BackLED RGBW Plus G2
	IES data IES_BackLED RGBW Plus G2
	IES data IES_BackLED RGBW Plus G2
	IES data IES_BackLED RGBW Plus G2

Datablad produktfamilj

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
4062172030168	BA-RGBW-PL G2	Transportförpackning 5	473 mm x 328 mm x 292 mm	45.30 dm ³	7277.00 g

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

Referenser / Länkar

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

Friskrivningsklausul

Kan ändras utan föregående notifiering. Felaktigheter och försummelse undantagna. Se alltid till att använda den senaste utgåvan.