BA-RGBW-PL G2

BackLED RGBW Plus G2 | Módulos LED para iluminación publicitaria y trasera



Características del producto

- Conectado con cables flexibles
- Encapsulación especialmente robusta
- Certificado CE
- Regulable por modulación de impulso ancho (PWM)

Beneficios del producto

- Fijación sencilla con tornillos M3
- Amplia paleta de mezcla de colores (en conexión con sistemas de control de luz)
- Luz de fondo homogénea de grandes superficies gracias a una óptica de ángulo extremadamente ancha
- Conexión sencilla con cables sueltos
- 5 años de garantía

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Áreas de aplicación

- Special-purpose and decorative lighting applications
- Luz de fondo coloreada dinámica
- Iluminación dinámica de ambiente
- Spas
- Comercios
- Restaurantes
- Iluminación de ferias de muestras
- Uso permanente en exteriores, en cajas de luz cerradas o rótulos corpóreos

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Datos técnicos

Datos eléctricos

Tensión nominal	24,0 V
Nivel de pot. nominal por módulo LED	2.84 W
Accidental reverse input voltage protection up to	24 V
Margen de voltaje	23…25 V
Tipo de corriente	corriente continua (CC)
Nivel de potencia nominal por cadena	42,60 W

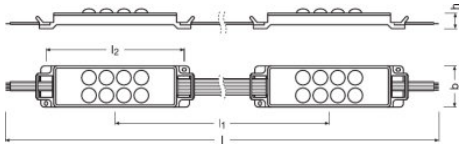
Datos Fotométricos

Tono de luz (denominación)	RGBW
Tono de luz LED	RGB, 6500 K
Flujo luminoso por cadena de módulo	2310 lm
Eficacia luminosa	54 lm/W
Desviación estándar de ajuste de color	≤5 sdcm
Flujo luminoso por módulo LED	154 lm
Luminous flux per LED module at Ta 25 °C	142 lm
Luminous flux per LED module at Tc 25 °C	154 lm
Luminous flux per chain at Ta 25 °C	2125 lm
Luminous flux per chain at Tc 25 °C	2310 lm

Información módulos LED

Número de LED por módulo	8
Número de módulos LED por cadena	15
Número mínimo de módulos LED operativos	3

Dimensiones y peso



Peso del producto	900,00 g

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Largo	6400,0 mm
Ancho	35,0 mm
Alto	15,50 mm
Module length	70.5 mm
Module pitch	500 mm

Temp. y condiciones de funcionamiento

Área de temperatura de funcionamiento	-25…75 °C
Temperatura de almacenamiento	-25…65 °C

Datos adicionales del producto

ID of contained light source [AGGR]	LS_SHZ_600870
EAN tipo sucesor	4052899452930

Capacidades

Margen de regulación	5…100 %

Certificados & Normas

Tipo de protección	IP66
Normas	CE
Símbolos de homologación	CE
Energy efficiency class of the contained light source	G

Datos logísticos

Número estadístico de material	85395100000

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	16-06-2023
Primary Article Identifier	4062172030168
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)

Equipamiento / Accesorios

- Varios tipos de alimentación OPTOTRONIC 24 V disponibles
- Perfil de montaje BoxLED

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Texto de la hoja técni

- 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 stronly 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 neccessary 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.

Descarga datos

	Fichero
	User instruction UI BackLED TW and RGBW Plus G2
	Folleto de ventas Technical application guide BackLED and BoxLED portfolio (EN)
	Declaración de conformidad BACKLED PLUS G15 CE 3320783 06 260723

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	Declaración de conformidad 727532_Manufacturer´s Declaration BackLED PLUS
	Datos CAD 728616_CAD_BackLED RGBW Plus G2_dwg
	Datos CAD 728617_CAD_BackLED RGBW Plus G2_isg
	Datos CAD 3-dim 728618_CAD_BackLED RGBW Plus G2_step
	Datos CAD PDF 728615_CAD BackLED RGBW Plus G2_pdf
	Eulumdat 728621_BackLED RBGW Plus G2 BA-RGBW-PL_Blue_4052899452930
	Eulumdat 728622_BackLED RBGW Plus G2 BA-RGBW-PL_Green_4052899452930
	Eulumdat 728623_BackLED RBGW Plus G2 BA-RGBW-PL_RGBW_4052899452930
	Eulumdat 728624_BackLED RBGW Plus G2 BA-RGBW-PL_Red_4052899452930
	Eulumdat 728625_BackLED RBGW Plus G2 BA-RGBW-PL_White_4052899452930
	IES data IES_BackLED RBGW Plus G2
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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.

Logistical Data

Código del producto	Descripción del producto	Unidad de embalaje (Piezas/unidad)	Dimensiones (largo x ancho x alto)	Volúmen	Peso bruto
4062172030168	BA-RGBW-PL G2	Embalaje de envío 5	473 mm x 328 mm x 292 mm	45.30 dm^3	7277.00 g

El código del producto mencionado describe la unidad más pequeña de la cantidad que se puede pedir. Una unidad de envío puede contener uno o más productos individuales. Al cursar un pedido, introduzca la cantidad de la unidad de envío o su múltiple.

Accesorios Opcionales

Descripción del producto	Nombre de accesorio	Cógido de accesorio
BA-RGBW-PL G2	BX -MP	4008321981110

Referencias / 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

Aviso

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

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