

BA-RGBW-PL G2

BackLED RGBW Plus G2 | 招牌和背光照明用 LED 模块



产品特点

- 与软性电缆连接
- 卓越坚固的封装
- CE 认证
- 可通过脉宽调节 (PWM) 调光

产品优势

- 用M3螺丝简单固定
- 宽广的可调色谱 (与照明管理系统连接)
- 通过广角配光, 实现均匀大面积背光照明
- 通过开放电缆端简单连接
- 5年质保



产品数据表

应用领域

- Special-purpose and decorative lighting applications
- 动态颜色背光照明
- 动态氛围照明
- 温泉浴场
- 商店
- 饭店
- 贸易博览会照明
- 用于密闭灯箱或轮廓文字的永久户外使用

产品数据表

技术参数

电参数

标称电压	24.0 V
单个 LED 模块的标称功率	3.7 W
Accidental reverse input voltage protection up to	24 V
输入电压范围	23.5...24.5 V
电流类型	DC
单链标称功率	55.20 W

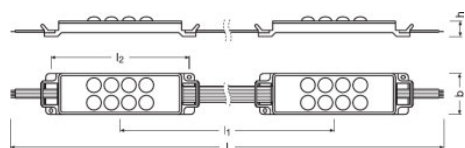
光度数据

EN 12464-1 标准光色	RGBW
LED 光色	RGB, white
单个模块链的光通量	2310 lm
发光效率	42 lm/W
单个 LED 模块的光通量	154 lm

LED 模块信息

模块LED颗粒数	8
单个链中的 LED 模块数量	15
LED 模块的最小可操作数量	3

尺寸和重量



产品重量	900.00 g
长度	129.0 mm
宽度	35.0 mm
高度	12.8 mm

温度

产品数据表

工作温度范围	-25...55 °C
仓储温度范围	-25...65 °C

更多的产品数据

产品说明	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/对当前光测定数据和重要的安全、安装和应用的信息,请查看 www.osram.com/led-systems/ 所有技术参数均适用于全部模组。由于发光二极管制造过程的复杂性,LED光色、寿命等标称参数值均为统计数值,而不对应个体产品,个体产品的实际参数值可能与标称值存在差异。
后继 EAN	4062172030168

功能

调光范围	5...100 %
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认证与标准

防护类型	IP66
标准	CE
认证标志 - 认证	CE

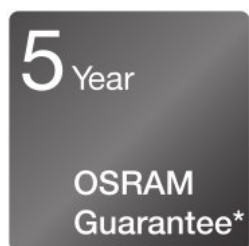
物流数据

商品编码	940540399000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	18-04-2022
Primary Article Identifier	4052899452930
Declaration No. in SCIP database	In work

产品数据表



484525_5 Year Osram Guarante
(GB)

设备/配件




- 可提供多种 OPTOTRONIC 24 V 电源
- BoxLED 安装支架

产品数据表

数据表文本

- 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.

下载数据

文件	
	User instruction UI BackLED TW and RGBW Plus G2
	统一宣言 727530_EC BackLED PLUS
	统一宣言 727532_Manufacturer's Declaration BackLED PLUS

产品数据表

	CAD数据 728616_CAD_BackLED RGBW Plus G2_dwg
	CAD数据 728617_CAD_BackLED RGBW Plus G2_isg
	CAD数据3 728618_CAD_BackLED RGBW Plus G2_step
	CAD 数据PDF 文件 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

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.

产品数据表

物流数据

产品代码	产品描述	包装单位 (件/单位)	尺寸 (长 x 宽 x 高)	体积	毛重
4052899452930	BA-RGBW-PL G2	箱 5	473 mm x 328 mm x 292 mm	45.30 dm ³	7277.00 g

这里所提到的产品编码代表最小订购数量。一个整件包装含有一个或多个单一产品。请您在下单时，按一个或多个整件数下单。

可选择性配件

产品描述	配件名称	配件代码
BA-RGBW-PL G2	BX -MP	▶ 4008321981110

参考资料/链接

For more information on the multi-level guarantee and the terms and conditions of the guarantee visit

▶ www.osram.com/system-guarantee

免责声明

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