

BackLED RGBW Plus G2

Светодиодные модули для светящихся рекламных надписей и фоновой подсветки



Характеристики продукта

- Подсоединение с помощью гибких кабелей
- Специальное герметичное покрытие
- Знак CE
- Диммируемый методом широтно-импульсной модуляции (ШИМ)

Преимущества продукта

- Простая фиксация с помощью винтов M3
- Широкий палитра цветов (при использовании систем управления освещением)
- Равномерная подсветка больших поверхностей благодаря широкоугольной оптике
- Простое подсоединение к открытым концам проводов
- Гарантия – 5 лет



Данные о продуктовой линейке

Области применения

- Special-purpose and decorative lighting applications
- Динамическая цветная задняя подсветка
- Освещение, задающее настроение
- Спа-салоны
- Магазины
- Рестораны
- Освещение выставок
- Постоянное использование на открытом воздухе в закрытых световых коробах или объемных буквах

Данные о продуктовой линейке

Technical data

Электрические параметры

Описание продукта	Номиналь ное напряжен ие	Ном. мощность в Вт. на LED модуль	Accidental reverse input voltage protection up to	Диапазон входных напряжений тока	Тип тока
BA-RGBW-PL G2	24,0 В	2,84 Вт Вт	24 В	23...25 В	Постоянн ый ток

Фотометрические данные

Описание продукта	Цветность света (обозначени е)	Цветность светодиода	Светов ой поток на цепь модуля	Световая отдача	Стандартное отклонение эллипса соотв.
BA-RGBW-PL G2	RGBW	RGB, 6500 K	2310 лм	54 лм/Вт	≤5 sdcm

Информация о светодиодном модуле

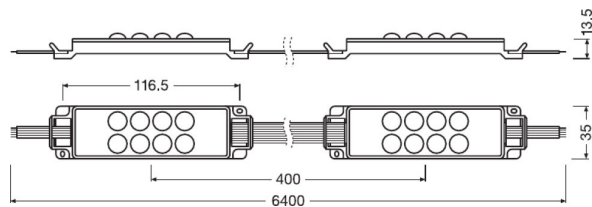
Описание продукта	Количество светодиодов в модуле	Количество светодиодных модулей на цепь	Минималь ное количеств о LED модулей
BA-RGBW-PL G2	8	15	3

Размеры и вес

Описание продукта	Вес продукта
BA-RGBW-PL G2	900,00 g

Данные о продуктовой линейке

Графическое изображение продукта с числовыми обозначениями



BA-RGBW-PL G2

Температуры и условия управления

Описание продукта	Диапазон температур в процессе работы	t хранения
BA-RGBW-PL G2	-25...75 °C	-25...65 °C

Дополнительные данные

Описание продукта	Последующая модель EAN
BA-RGBW-PL G2	4052899452930

Возможности / мощности

Описание продукта	Диапазон регулировки яркости
BA-RGBW-PL G2	5...100 %

Данные о продуктовой линейке

Сертификаты и Стандарты

Описание продукта	Тип защиты	Стандарты
BA-RGBW-PL G2	IP66	CE

Условия поставки

Описание продукта	Код заказа
BA-RGBW-PL G2	85395100000

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

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

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

Оборудование/аксессуары

- В наличии имеется несколько типов блоков питания OPTOTRONIC 24 В
- Монтажный профиль BoxLED

Рекомендации по применению

Для получения дополнительной информации и изображения продукции, пожалуйста, ознакомьтесь с инструкцией.

Данные о продуктовой линейке

Текст спецификации

- 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.

Продажи и техническая поддержка

Продажи и техническая поддержка www.osram.com

Загрузка данных

Файл	
	User instruction UI BackLED TW and RGBW Plus G2

Данные о продуктовой линейке

	Brochures Technical application guide BackLED and BoxLED portfolio (EN)
	Declarations of conformity BACKLED PLUS G15 CE 3320783 06 260723
	Declarations of conformity 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 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
	IES data IES_BackLED RBGW Plus G2
	IES data IES_BackLED RBGW Plus G2
	IES data IES_BackLED RBGW Plus G2
	IES data IES_BackLED RBGW Plus G2

Данные о продуктовой линейке

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.

Данные для заказа

Product code	Описание продукта	Упаковка (цена/шт.)	Размеры (длина x ширина x высота)	Объем	Вес брутто
4062172030168	BA-RGBW-PL G2	Shipping carton box 5	473 mm x 328 mm x 292 mm	45.30 дм ³	7277.00 g

— The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Ссылки

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

Примечание

В заказ могут быть внесены изменения без предварительного уведомления. Проверьте информацию на наличие ошибок. Убедитесь, что информация актуальна.