

BA-TW-PL 827-865 G2

BackLED TW Plus G2 | Светодиодные модули для светящихся рекламных надписей и фоновой подсветки



Характеристики продукта

- Подсоединение с помощью гибких кабелей
- Цветность: динамический белый 2700 – 6500 К
- Специальное герметичное покрытие
- Знак CE

Преимущества продукта

- Гибко программируемое световое окружение при использовании систем управления освещением
- Равномерная подсветка больших поверхностей благодаря широкоугольной оптике
- Простая фиксация с помощью винтов M3
- Отсутствие УФ- и ИК-спектров позволяет сохранить освещаемые объекты
- Однородный белый свет (стандартное отклонение согласования цвета, SDCM: < 3)
- Гарантия – 5 лет

Области применения

- Имитация дневного света
- Спа-салоны
- Магазины
- Офисы
- Музеи, художественные галереи
- Постоянное использование на открытом воздухе в закрытых световых коробах или объемных буквах



Техническое описание продукта

Technical data

Электрические параметры

Номинальное напряжение	24,0 В
Ном. мощность в Вт. на LED модуль	4,8 Вт Вт
Accidental reverse input voltage protection up to	24 В
Диапазон входных напряжений тока	23,5...24,5 В
Тип тока	Постоянный ток

Фотометрические данные

Цветность светодиода	белый
Световой поток на цепь модуля	9200 лм
Световая отдача	95,8 лм/Вт
Световой поток на светодиодный модуль	460 лм

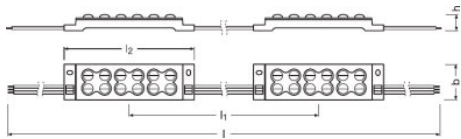
Светотехнические параметры

Угол излучения	150 °
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Информация о светодиодном модуле

Количество светодиодов в модуле	12
Количество светодиодных модулей на цепь	20
Минимальное количество LED модулей	1

Размеры и вес



Вес продукта	1400,00 g
Длина	130,0 mm
Ширина	35,0 mm
Высота	12,3 mm
Module length	47.5 mm

Техническое описание продукта

Module pitch	500 mm
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Температуры и условия управления

Диапазон температур в процессе работы	-25...55 °C
t хранения	-25...85 °C

Дополнительные данные

Комментрайи о продукте	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/Актуальные светотехнические данные, важные указания по технике безопасности, установке и применению см. по ссылке www.osram.com/led-systems/ Все технические параметры применимы ко всему модулю. В связи с комплексным процессом производства светодиодов приведенные стандартные показатели технических параметров светодиодов представляют собой лишь статистические величины, которые необязательно соответствуют фактическим техническим параметрам каждого отдельного изделия, которое может не соответствовать стандартным значениям.
Последующая модель EAN	4052899627253

Возможности / мощности

Диапазон регулировки яркости	5...100 %
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Сертификаты и Стандарты

Тип защиты	IP66
Стандарты	CE
Сертификация/Соответствие стандартам	CE
Energy efficiency class of the contained light source	G

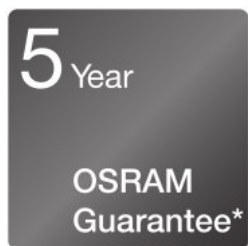
Условия поставки

Код заказа	85395100000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	07-07-2023
Primary Article Identifier	4052899452954
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

Техническое описание продукта



484525_5 Year Osram Guarante
(GB)

Оборудование/аксессуары

- Доступны семь типов блоков питания OPTOTRONIC 24 В
- Монтажный профиль BoxLED

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.

Загрузка данных

Файл	
	User instruction UI BackLED TW and RGBW Plus G2
	Brochures Technical application guide BackLED and BoxLED portfolio (EN)
	Declarations of conformity BACKLED PLUS G15 CE 3320783 06 260723

Техническое описание продукта

	Declarations of conformity 727532_Manufacturer's Declaration BackLED PLUS
	CAD data 728688_CAD BackLED TW Plus G2.DWG
	CAD data 728689_CAD BackLED TW Plus G2.IGS
	CAD data 3-dim 728690_CAD BackLED TW Plus G2.STEP
	CAD data PDF 728631_CAD BackLBackLED TW Plus G2_PDF
	Eulumdat 728626_BackLED TW Plus G2_BA-TW-PL_2700K_4052899452954
	Eulumdat 728627_BackLED TW Plus G2_BA-TW-PL_2700K+6500K_4052899452954
	Eulumdat 728628_BackLED TW Plus G2_BA-TW-PL_6500K_4052899452954.ldt
	IES data IES_BackLED TW Plus G2
	IES data IES_BackLED TW Plus G2
	IES data IES_BackLED TW 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.

Данные для заказа

Product code	Описание продукта	Упаковка (цена/шт.)	Размеры (длина x ширина x высота)	Объем	Вес брутто
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Техническое описание продукта

Данные для заказа

4052899452954	BA-TW-PL 827-865 G2	Shipping carton box 5	473 mm x 328 mm x 292 mm	45.30 дм³	9777.00 g
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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

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