

BA-RGBW-PL G2

BackLED RGBW Plus G2 | LED moduly pro světelnou reklamu a osvětlení pozadí



Vlastnosti produktu

- Připojeno ohebnými kabely
- Speciální odolné zapouzdření
- Se značkou CE
- Stmívatelné pomocí pulzně šířkové modulace (PWM)

Výhody produktu

- Jednoduché upevnění pomocí šroubů M3
- Široká paleta míchání barev (ve spolupráci se systémy řízení osvětlení)
- Stejnoměrné podsvícení velkých ploch díky mimořádně širokouhlé optice
- Jednoduché zapojení bez konektoru
- Záruka 5 let



Technický list výrobku

Druh použití

- Special-purpose and decorative lighting applications
- Dynamické barevné podsvícení
- Dynamické náladové osvětlení
- Lázně
- Prodejny
- Restaurace
- Osvětlení pro veletrhy
- Trvalé venkovní použití v uzavřených světelných boxech nebo kazetových písmenech

Technické údaje

Parametry

Jmenovité napětí	24,0 V
Jmenovitý příkon na LED modul	2.84 W
Accidental reverse input voltage protection up to	24 V
Rozsah vstupního napětí	23...25 V
Proudové zatížení	stejnoseměrný proud (DC)
Jmenovitý příkon na řetěz	42,60 W

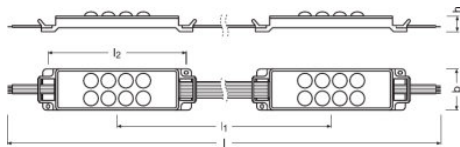
Fotometrické údaje

Barva světla (označení)	RGBW
Barva světla LED	RGB, 6500 K
Světelný tok na modulový řetěz	2310 lm
Světelná účinnost	54 lm/W
Standardní odchylka sladění barev	≤5 sdc
Světelný tok na LED modul	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

Informace o LED modulech

Počet LED v modulu	8
Počet LED modulů na řetěz	15
Minimální možný počet LED modulů	3

Rozměry & váha



Váha výrobku	900,00 g
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Technický list výrobku

Délka	6400,0 mm
Šířka	35,0 mm
Výška	15,50 mm
Module length	70.5 mm
Module pitch	500 mm

Teploty a provozní podmínky

Provozní rozsah teplot	-25...75 °C
Skladujte při teplotách od... do	-25...65 °C

Další údaje o produktu

ID of contained light source [AGGR]	LS_SHZ_600870
Doporučená náhrada EAN	4052899452930

Vlastnosti

Rozsah stmívání	5...100 %
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Certifikáty & standardy

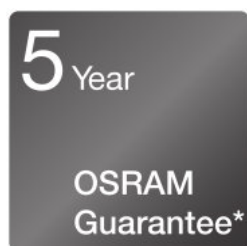
Druh ochrany	IP66
Standardy	CE
Povolení – schválení	CE
Energy efficiency class of the contained light source	G

Logistická data

Zkratka produktu	85395100000
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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



484525_5 Year Osram Guarante
(GB)

Výbava / příslušenství

- K dodání několik typů napájecích jednotek OPTOTRONIC 24 V
- Montážní profil BoxLED

Technický list výrobku

Text pro technický lis

- 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.

Stažení dat

Soubor	
	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

Technický list výrobku

	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
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Technický list výrobku

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.

Logistické údaje

Kód výrobku	Popis výrobku	Jednotka balení (kusy/jednotku)	Rozměry (délka x šířka x výška)	Objem	Hrubá hmotnost
4062172030168	BA-RGBW-PL G2	Shipping carton box 5	473 mm x 328 mm x 292 mm	45.30 dm ³	7277.00 g

— Zmíněný produktový kód udává nejmenší jednotku množství, kterou lze objednat. Jednotka balení může obsahovat jeden nebo více samostatných produktů. Při objednávání zadávejte jednotky balení nebo násobky jednotek balení.

Reference / odkazy

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

Vyloučení odpovědnosti

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