BA-RGBW-PL G2

BackLED RGBW Plus G2 | Modules LED pour la publicité et la lumière rétro-éclairage



Caractéristiques produit

- Relié avec des câbles flexibles
- Encapsulation spéciale robuste
- Marquage CE
- Gradable par impulsions (modulation de largeur d'impulsions)

Avantages produits

- Fixation simple avec des vis M3
- Large palette de mélange de couleurs (en relation avec des systèmes de gestion de l'éclairage)
- Rétroéclairage homogène de grandes surfaces grâce à des optiques à angle très large
- Connexion simple avec câbles dénudés
- Garantie de 5 ans



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Domaines d'application

- Special-purpose and decorative lighting applications
- Rétroéclairage de couleurs dynamique
- Éclairage d'ambiance dynamique
- Spas
- Commerces
- Restaurants
- Éclairage de salons d'expositions
- Utilisation en permanence à l'extérieur dans des caissons lumineux fermés ou des lettrages profilés

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Fiche technique

Données électriques

Tension nominale	24,0 V
Puissance nominale par module LED	2,84 W
Accidental reverse input voltage protection up to	24 V
Plage de tension	23…25 V
Type de courant	Courant direct (DC)
Puissance nominale par chaîne	42,60 W

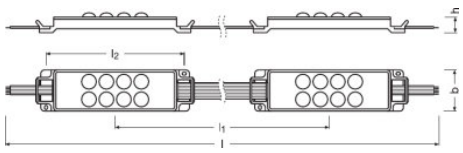
Données photométriques

Teinte de couleur (désignation)	RGBW
Couleur de la LED	RGB, 6500 K
Flux lumineux par chaîne de modules	2310 lm
Efficacité lumineuse	54 lm/W
Ecart-type de correspondance de couleur	≤5 sdcm
Flux lumineux par module 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

Information module de LED

Nombre de LED par module	8
Nombre de modules LED par chaîne	15
Nombre min d'utilisation de modules LED	3

Dimensions & poids



Poids du produit	900,00 g

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Longueur	6400,0 mm
Largeur	35,0 mm
Hauteur	15,50 mm
Module length	70.5 mm
Module pitch	500 mm

Température

Plage de température au point Tc	-25…75 °C
Plage de température de stockage	-25…65 °C

Donnée produit supplémentaire

ID of contained light source [AGGR]	LS_SHZ_600870
Code EAN de remplacement	4052899452930

Capacités

Plage de gradation	5…100 %

Certificats & Normes

Type de protection	IP66
Normes	CE
Labels et agréments	CE
Energy efficiency class of the contained light source	G

Données logistiques

Nomenclature douanière	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)

Technique / Accessoires

- Plusieurs types d'alimentations OPTOTRONIC 24 V disponibles
- BoxLED monté en profil

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Texte de la feuille de

- Installation of LED modules (with power supplies) needs to be made under consideration of all valid regulations and norms.
- Installation par un électricien qualifié uniquement
- 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.

Données de téléchargement

	Dossier
	User instruction UI BackLED TW and RGBW Plus G2
	Brochures Technical application guide BackLED and BoxLED portfolio (EN)
	Déclarations de conformité BACKLED PLUS G15 CE 3320783 06 260723

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Fiche de données produit

	Déclarations de conformité 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

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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.

Données logistiques

Code produit	Description produit	Unité d'emballage (Pièces/Unité)	Dimensions (longueur x largeur x hauteur)	Volume	Poids brut
4062172030168	BA-RGBW-PL G2	Carton de regroupement 5	473 mm x 328 mm x 292 mm	45.30 dm^3	7277.00 g

Le code produit mentionné décrit la petite quantité d'unité qui peut être commandée. Une unité peut contenir un ou plusieurs produits. Lorsque vous passez la commande, merci de bien vouloir entrer une unité ou un multiple d'une unité.

Accessoires optionnels

Description produit	Nom de l'accessoire	Code de l'accessoire
BA-RGBW-PL G2	BX -MP	4008321981110

Références/Liens

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

Avertissement

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

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