

BA-TW-PL 827-865 G2

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



Caractéristiques produit

- Relié avec des câbles flexibles
- Température de couleur : dynamique 2700 à 6500 K
- Encapsulation spéciale robuste
- Marquage CE

Avantages produits

- Ambiances d'éclairage à programmation flexible en relation avec des systèmes de gestion de l'éclairage
- Rétroéclairage homogène de grandes surfaces grâce à des optiques à angle très large
- Fixation simple avec des vis M3
- La lumière anti UV et IR préserve les expositions
- Lumière blanche uniforme (écart-type de correspondance de couleur SDCM: < 3)
- Garantie de 5 ans

Domaines d'application

- Simulation de lumière du jour
- Spas
- Commerces
- Bureaux
- Musées, galeries d'art
- Utilisation en permanence à l'extérieur dans des caissons lumineux fermés ou des lettrages profilés



Fiche de données produit

Fiche technique

Données électriques

Tension nominale	24,0 V
Puissance nominale par module LED	4,8 W
Accidental reverse input voltage protection up to	24 V
Plage de tension	23,5...24,5 V
Type de courant	Courant direct (DC)

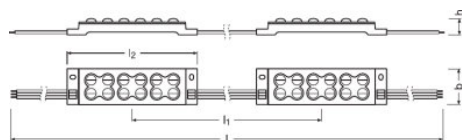
Données photométriques

Couleur de la LED	Blanc
Flux lumineux par chaîne de modules	9200 lm
Efficacité lumineuse	95,8 lm/W
Flux lumineux par module LED	460 lm

Information module de LED

Nombre de LED par module	12
Nombre de modules LED par chaîne	20
Nombre min d'utilisation de modules LED	1

Dimensions & poids



Poids du produit	1400,00 g
Longueur	130,0 mm
Largeur	35,0 mm
Hauteur	12,3 mm
Module length	47.5 mm
Module pitch	500 mm

Température

Fiche de données produit

Plage de température au point Tc	-25...55 °C
Plage de température de stockage	-25...85 °C

Donnée produit supplémentaire

Notes bas de page util. uniquem. produit	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/Pour des données photométriques actuelles et des informations importantes sur la sécurité, l'installation et les applications, voir www.osram.com/led-systems ./Tous les paramètres techniques s'appliquent au module entier. En raison de la complexité de la production des LED, les valeurs techniques indiquées sont des valeurs statistiques. Les valeurs réelles de chaque lampe peuvent différer de ces valeurs
Code EAN de remplacement	4052899627253

Capacités

Plage de gradation	5...100 %
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Certificats & Normes

Type de protection	IP66
Normes	CE
Labels et agréments	CE

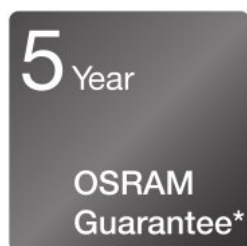
Données logistiques

Nomenclature douanière	940540399000
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Environmental information

Date of Declaration	10-11-2021
Primary Article Identifier	4052899452954
Candidate List Substance 1	No declarable substances contained
CAS No. of substance 1	No CAS
Declaration No. in SCIP database	No declarable substances contained

Fiche de données produit



484525_5 Year Osram Guarante
(GB)

Technique / Accessoires




- 7 types d'alimentation disponible OPTOTRONIC 24 V
- BoxLED monté en profil

Fiche de données produit

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 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.

Données de téléchargement

Dossier	
	User instruction UI BackLED TW and RGBW Plus G2
	Déclarations de conformité 727530_EC BackLED PLUS
	Déclarations de conformité 727532_Manufacturer's Declaration BackLED PLUS

Fiche de données produit

	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.ltd
	IES data IES_BackLED TW Plus G2
	IES data IES_BackLED TW Plus G2
	IES data IES_BackLED TW Plus G2

Ecodesign regulation information:

ul>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
4052899452954	BA-TW-PL 827-865 G2	Carton de regroupement 5	473 mm x 328 mm x 292 mm	45.30 dm ³	9777.00 g

Fiche de données produit

Données logistiques

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-TW-PL 827-865 G2	BX -MP	▶ 4008321981110

Références/Liens

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

▶ www.osram.com/system-guarantee

Avertissement

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