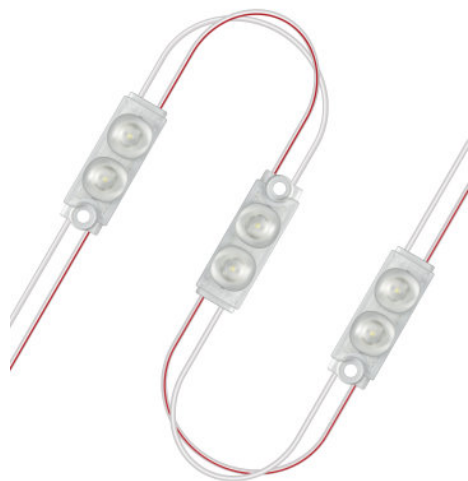


## BA-S-CP-871-24 -G5

BackLED S CP G5 | Modules LED pour la publicité et la lumière rétro-éclairage



### Caractéristiques produit

- Each LED module contains 2 LEDs
- Compatible with OSRAM OPTOTRONIC constant voltage drivers / dimmers
- Color consistency in 3 SDCM
- Patented Square Lens technology
- Wide CCT options available
- IP66 rating
- Lifetime (L80/B10): 50,000 h (temperature at  $T_c = 70^\circ\text{C}$ )

### Avantages produits

- Backside injection technology for high protection level
- Garantie de 5 ans

### Domaines d'application

- Channel letters
- Signage boxes
- Luminous areas and ceilings



Fiche technique

Données électriques

|                                                   |                     |
|---------------------------------------------------|---------------------|
| Tension nominale                                  | 24,0 V              |
| Puissance nominale par chaîne                     | 24,00 W             |
| Puissance nominale par module LED                 | 0.3 W               |
| Accidental reverse input voltage protection up to | 25 V                |
| Plage de tension                                  | 23.4...24.9 V       |
| Type de courant                                   | Courant direct (DC) |

Données photométriques

|                                         |            |
|-----------------------------------------|------------|
| Temp. de couleur                        | 7100 K     |
| Ra Indice de rendu des couleurs         | 80         |
| Teinte de couleur (désignation)         | Cool White |
| Couleur de la LED                       | Cool White |
| Flux lumineux par chaîne de modules     | 3600 lm    |
| Flux lumineux par module LED            | 45 lm      |
| Efficacité lumineuse                    | 150 lm/W   |
| Ecart-type de correspondance de couleur | ≤3 sdcm    |

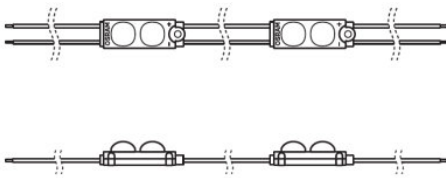
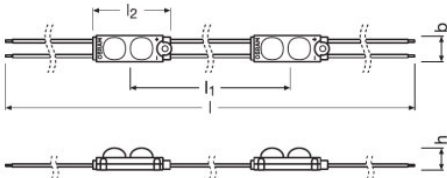
Données photométriques

|                      |       |
|----------------------|-------|
| Angle de rayonnement | 155 ° |
|----------------------|-------|

Information module de LED

|                                         |    |
|-----------------------------------------|----|
| Nombre de LED par module                | 2  |
| Nombre de modules LED par chaîne        | 80 |
| Nombre min d'utilisation de modules LED | 1  |

Dimensions & poids



Fiche de données produit

|                  |            |
|------------------|------------|
| Longueur         | 10935,0 mm |
| Largeur          | 12,2 mm    |
| Hauteur          | 10,30 mm   |
| Poids du produit | 425,00 g   |

Température

|                                  |             |
|----------------------------------|-------------|
| Plage de température au point Tc | -25...70 °C |
| Plage de température de stockage | -25...85 °C |

Durée de vie

|              |                       |
|--------------|-----------------------|
| Durée de vie | 50000 h <sup>1)</sup> |
|--------------|-----------------------|

<sup>1)</sup> L80/B10 at Tc 70°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 <a href="http://www.osram.com/led-systems">www.osram.com/led-systems</a> ./En raison de la complexité de la production des LED, les valeurs techniques indiquées sont des valeurs statistiques qui ne correspondent pas nécessairement aux valeurs techniques réelles d'un produit individuel. Les valeurs réelles de chaque produit peuvent différer de ces valeurs. |
| ID of contained light source [AGGR]      | LS_SHZ_600835                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

Capacités

|                    |           |
|--------------------|-----------|
| Gradable           | Oui       |
| Plage de gradation | 1...100 % |

Certificats & Normes

|                                                       |                                                                                                |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Consommation d'énergie                                | 24 kWh/1000h                                                                                   |
| Type de protection                                    | IP66                                                                                           |
| Normes                                                | IEC/EN 60529/IEC/EN 60598-1/IEC/EN 61347-1/IEC/EN 61547/IEC/EN 62031/IEC/TR 62778/IEC TR 62778 |
| Labels et agréments                                   | CE / BIS / cURus / ENEC 25 / UKCA                                                              |
| Energy efficiency class of the contained light source | D                                                                                              |

Données logistiques

|                        |             |
|------------------------|-------------|
| Nomenclature douanière | 85395100000 |
|------------------------|-------------|

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                    |
|-----------------------------------------------------------------------|------------------------------------|
| Date of Declaration                                                   | 31-03-2023                         |
| Primary Article Identifier                                            | 4052899627963                      |
| Candidate List Substance 1                                            | No declarable substances contained |
| Declaration No. in SCIP database                                      | No declarable substances contained |

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.

Données de téléchargement

| Dossier                                                                             |                                                                            |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
|  | Fiche technique produit<br>product datasheet BackLED S CP 24V G5           |
|  | Brochures<br>Technical application guide BackLED and BoxLED portfolio (EN) |
|  | Déclaration de Conformité<br>ENEC of BackLED CP G5                         |
|  | Déclaration de Conformité<br>UL certificate of Compliance BackLED CP G5    |
|  | CAD data 3-dim<br>3D drawing of BackLED CP 24V G5 MHOHFS                   |
|  | IES data<br>IES file of BA S CP 871 24 G5                                  |

Fiche de données produit

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. In the contrary, and limited to the LINEARlight Flex Diffuse, LINEARlight Rigid Finesse, GINO LED Flex Diffuse and LUMINENT Milky product families, the contained light source is an integrated part of the containing product and its removal can only be done by causing a permanent damage to the containing product due to its tight mechanical, electrical, optical, thermal interaction and/or environmental protection with or from the containing product. Therefore, a replacement of the light source with the use of common available tools is not justified.
- 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<br>(Pièces/Unité) | Dimensions (longueur x<br>largeur x hauteur) | Volume                | Poids brut |
|---------------|---------------------|-------------------------------------|----------------------------------------------|-----------------------|------------|
| 4052899627963 | BA-S-CP-871-24 -G5  | Carton de regroupement<br>20        | 355 mm x 255 mm x 240 mm                     | 21.73 dm <sup>3</sup> | 9220.00 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<br>l'accessoire |
|---------------------|---------------------|-------------------------|
| BA-S-CP-871-24 -G5  | BA -MP-SM-G5-2M     | ▶ 4052899629196         |
| BA-S-CP-871-24 -G5  | BA -CLIP-SM-G5      | ▶ 4052899629349         |

Avertissement

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