

FICHE PRODUIT

PL-CUBE-AC-G3 -1100-840

PrevaLED® Cube AC G3 | Spot - Modules pour support mural



Zones d'application

- Suitable for diffuser and reflector luminaires
- Hospitality, hotels, restaurants
- Public and commercial buildings
- Offices
- Secondary rooms, garages, storerooms, cellars

Avantages du produit

- Enables low-cost and compact luminaire designs
- Low profile
- Future-proof dimensions for reliable designs
- Near Lambertian light distribution at 110° beam angle for high quality of light
- Protection against overheating due to thermal derating
- 5 year guarantee

Caractéristiques du produit

- Mains voltage driven LED engine
- Integrated control gear
- Diameter of light emitting surface: 61 mm
- Common mechanic and photometric interfaces



- Initial color consistency: < 3 SDCM
- Lifetime (L70/B50): 50,000 h (temperature at $T_c = 70\text{ °C}$)
- LED module is reinforced isolated to mounting surface
- Photobiological safety according to IEC/TR 62778, risk group RG1

DONNÉES TECHNIQUES

DONNÉES ÉLECTRIQUES

Puissance nominale	11.30 W
Tension nominale	230 V
Plage de tension	220...240 V
Type de courant	Courant alternatif (AC)
Intensité nominale	50 mA
Facteur de puissance λ	> 0,90

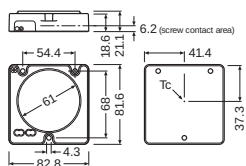
Données photométriques

Total des flux lumineux utiles [PICOS]	1100 lm
Efficacité lumineuse	97 lm/W
Flux lumineux	603 lm
Intensité lumineuse	403 cd
Flux nominal lumineux utile 120° [PICOS]	879 lm
Temp. de couleur	4000 K
Ra Indice de rendu des couleurs	80
Ecart-type de correspondance de couleur	≤ 3 sdcm
Intensité maximale évaluée	403 cd
Flux résiduel en fin de vie nomi	0.70

Données techniques légères

Angle de rayonnement	110 °
Angle de faisceau évalué	110.00 °
Temps d'amorçage	< 1.0 s
Warm-up time (60 %) [AGGR]	< 2,00 s

DIMENSIONS ET POIDS



Longueur	82.80 mm ¹⁾
Largeur	81.60 mm
Largeur (y compris les luminaires ronds)	81.60 mm
Hauteur	21.10 mm
Hauteur (luminaires cycliques inclus)	21.10 mm
Poids du produit	59,4 g

¹⁾ general tolerances ISO 2768-c

TEMPÉRATURES ET CONDITIONS DE FONCTIONNEMENT

Plage de température ambiante	-20...+50 °C
Température maximale au point de test	90 °C
T° fonctionnement confit norme IEC 62717	70 °C

Durée de vie

Durée de vie nominale	50000 h
Nombre de cycles de commutation	100000

DONNÉES SUPPLÉMENTAIRES SUR LE PRODUIT

Charge thermique maximale	9,7 W
---------------------------	-------

CAPACITÉS

Dimmable	Non
Gradateur	DALI

CERTIFICATS ET NORMES

Normes	CE / ENEC / CB VDE
Consommation d'énergie	11.60 kWh/1000h
Classe d'énergie efficace	A+

DONNÉES LOGISTIQUES

Plage de température de stockage	-20...+85 °C
----------------------------------	--------------

INFORMATIONS SUPPLÉMENTAIRES SUR LE PRODUIT

- 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.
- The module / light engine has to be mounted to a proper heat sink in order to ensure that the maximum rated temperature at the T_c point will not be exceeded.

- For safety reasons the LED light engine must not be operated if the housing is damaged.
- Complies with IEC/EN 62031
- Complies with IEC/EN 61547
- Complies with IEC/EN 61000-3-2
- Complies with EN 55015, CISPR 15
- Complies with IEC/EN 62717
- Suitable only for operation with line voltage.
- 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.
- Conducting paths on the circuit board must not be damaged or destroyed during installation.
- Suitable for luminaires of protection class I, grounding is mandatory to comply with safety standards.
- When used in a luminaire of protection class II compliance with the required safety standards has to be ensured by the luminaire manufacturer.
- This LED module is not recommended to be used in rooms with fast moving parts as the light modulation can cause stroboscopic effects.
- This LED module might interfere with displays and cameras due to modulation.
- The LED module itself and all its components must not be stressed mechanically.
- For optimal cooling a thermal interface material should be applied between LED module and heat sink.
- It is highly recommended to use a thermal interface material (TIM). The TIM needs to enable adequate heat transfer, during installation it has to be taken care not to create air inclusions between surfaces. For this purpose it is recommended to use a heat sink with even and clean surfaces.
- The module must not be attached to wood or other flammable materials.
- Protect against splashes!
- The module, as manufactured, has no inherent protection against corrosion. It is the user's responsibility to provide suitable protection against corrosive agents, such as moisture, condensation and other harmful elements.

TÉLÉCHARGEMENTS

TÉLÉCHARGEMENTS	
	Certificates 664150_CB VDE Certificate: PL Cube AC G3
	Certificates 664159_ENEC VDE Certificate: PL Cube AC G3
	Declarations of conformity 664153_EC Declaration of Conformity: PL Cube AC G3
	CAD data 664806_CAD Datei Parasolid: PrevaLED Cube AC G3
	CAD data 664805_CAD Datei STEP: PrevaLED Cube AC G3
	CAD data 664804_CAD Data IGES: PrevaLED Cube AC G3
	CAD data 3-dim 664157_CAD Data 3D PDF: PL Cube AC G3
	Advertisements 673352_App Guide PrevaLED Cube AC G3 (GB)

DONNÉES LOGISTIQUES

Code produit	Unité d'emballage (Pièces/Unité)	Dimensions (longueur x largeur x hauteur)	Poids approximatif	Volume
4052899952706	Sans emballage individuel 1		59.40 g	
4052899953895	Carton de regroupement 20	481 mm x 393 mm x 51 mm	1466.00 g	9.64 dm ³

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.

Références / Liens

– For more information on the multi-level guarantee and the terms and conditions of the guarantee visit www.ledvance.com/system-guarantee

AVERTISSEMENT

Sous réserve de modifications. Sauf erreur ou omission. Veuillez à toujours utiliser la version la plus récente.