

PL-CUBE -3000-840-G3

PrevaLED Cube G3 | Spot-, Down- and Wallmount Light Engines and Modules



A termék jellemzői

- Consistent white light: < 3 SDCM
- Diameter of light emitting surface: 61 mm
- Common mechanic and optical connection for standard heat sinks and reflectors
- LEDset2 interface for operation with OTi DALI drivers
- Current setting and thermal shutdown via LEDset2 interface

A termék előnyei

- Low height for compact luminaire designs
- Near Lambertian light distribution at 110° beam angle for high quality of light
- Robust design for easy thermal management and long lifetime

Alkalmazási területek

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



Termék adatlap

Műszaki adatok

Elektromos adatok

Névleges teljesítmény	23.30 W
Névleges áram	0.698 A
Névleges feszültség	33.0 V
Áram típusa	DC

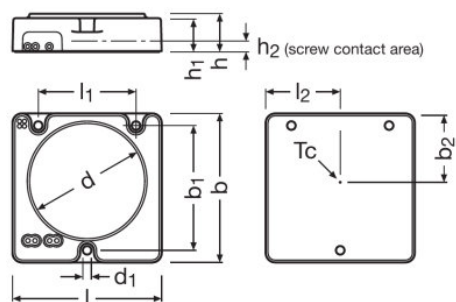
Fotometriai adatok

Luminous efficacy	129 lm/W
Fényszín (megnevezés)	Semleges fehér
Fényáram	1645 lm

Fénytechnikai adatok

Gyújtási idő	0.5 s
Bemelegedési idő	< 2.00 s

Méreték és súly



Konstruktív hossz	82.8 mm ¹⁾
Termék súlya	50.00 g

¹⁾ general tolerances ISO 2768-c

Hőmérséklet és működési feltételek

Működési hőmérséklet IEC 62717 szerint	75 °C
Max. hőmérséklet a tc mérőponton	90 °C
Környezeti hőmérséklet tartomány	-20...+50 °C ¹⁾

¹⁾ $T_a(\text{rated}) = 25\text{ °C}$

Élettartam

Termék adatlap

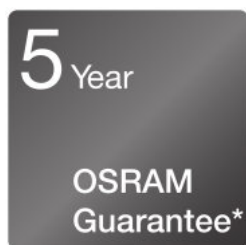
Élettartam	50000 h
Névleges élettartam	50000 h
Rated lamp life time	50000 h
Kapcsolási ciklusok száma	100000

Tanúsítványok és szabványok

Szabványok	CE/ENEC
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Logisztikai adatok

Commodity code	854370909900
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— 484525_5 Year Osram Guarante
(GB)

Termék adatlap

Adatlap szöveg

- 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.
- 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
- LED modules are dimmable by means of PWM (pulse width modulation). It is recommended using the following OSRAM control gears: OPTOTRONIC OT DIM, OT DALI DIM or OPTOTRONIC 24 V power supplies with integrated 1...10 V dimming interface.
- Not suitable for operation with line voltage.
- 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.
- Suitable for luminaires of protection class I, grounding is mandatory to comply with safety standards.
- 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.

Download Data

File	
	User instruction PrevaLED Cube-G3
	Brochures 684162_Technical application guide PrevaLED Cube G3 LED modules (GB)
	Certificates PL ENEC 40031612 250920
	Declarations of conformity PL CUBE DC G3 CE 3290631 070921
	CAD data 664803_CAD Data STEP: PrevaLED Cube G3

Termék adatlap



CAD data
664807_CAD Data PDF: PrevaLED Cube G3



CAD data
664808_CAD Data IGES: PrevaLED Cube G3



CAD data
664809_CAD Datei Parasolid: PrevaLED Cube G3

Ecodesign regulation information:

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.

Logisztikai adatok

Termékkód	Termékmegnevezés	Csomagolás (darab/egység)	Méreték (hosszúság x szélesség x magasság)	Térfogat	Bruttó súly
4052899338661	PL-CUBE -3000-840-G3	Karton 20	481 mm x 393 mm x 51 mm	9.64 dm ³	1278.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

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

▶ www.osram.com/system-guarantee

Lemondás

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