

PrevaLED Cube G3

Light Engines e Módulos de sobrepor e embutir



Características do produto

- Luz branca consistente: < 3 SDCM
- Temperatura no ponto t_p (conforme IEC/PAS 62717): 75 °C
- Diâmetro da superfície emissora de luz: 61 mm
- Duração (L70/B50): 50,000 h (temperatura no $T_c = 75$ °C)
- Ligação mecânica e ótica comum para dissipadores de calor e refletores standard
- Interface LEDset2 para funcionamento com drivers OTi DALI
- Definição da corrente e temperatura para desligar através de interface LEDset2

Benefícios do produto

- Baixa altura para o design de luminárias compactas
- Distribuição luminosa com ângulo de 110° para iluminação de alta qualidade
- Design robusto para fácil gestão térmica e longa duração

Áreas de aplicação

- Indicado para luminárias com difusor e refletor
- Hospitalidade, hotéis, restaurantes
- Edifícios públicos e comerciais
- Escritórios
- Arrumos, garagens, armazéns, adegas

Ficha técnica da família de produto

Informações sobre aplicações

Para obter mais informações sobre aplicações e gráficos acesse a ficha técnica do produto.

Texto ficha técnica

- 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.

Vendas e suporte técnico

Vendas e suporte técnico www.osram.br

Ficha técnica da família de produto

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.

Referências / Links

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

▶ www.inventronics-light.com/multilevel-guarantees

Retrato

Sujeito a alteração sem prévio aviso. Sempre utilize a versão mais recente.