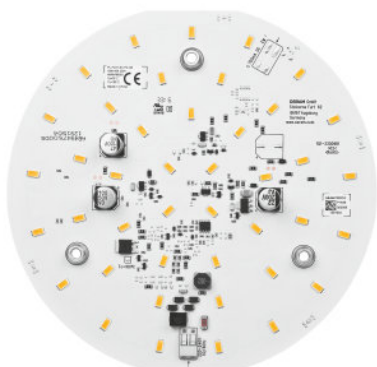


PL-FLAT-AC PC-G3 1500-840

PrevaLED Flat AC PC | Spot-, Down- and Wallmount Light Engines and Modules



Product family features

- Dimmable (with suitable Phase-cut dimmers)
- Designed for wall and ceiling luminaires with diffuse light distribution
- Low-cost LED replacement of CFL wall-, and ceiling luminaires
- Driver integrated on LED board
- Available diameter: 170 mm, 240 mm
- Available with color temperature: 3,000 K or 4,000 K
- Available with luminous flux: 1,500 lm, 2,500 lm, 3,300 lm
- LED module is reinforced isolated to mounting surface
- Photobiological safety according to IEC/TR 62778, risk group RG1

Product family benefits

- Touch protection accessory for simple use in luminaires
- High reliability
- Easy to use
- Optimised design for simple thermal management
- Enables thin and efficient luminaire designs
- High quality of light thanks to low modulation
- 5 year guarantee

Areas of application

- Corridors
- Stairways
- Landings
- Hallways



Technical data

Electrical data

| | |
|--|----------------------|
| Nominal voltage | 230 V |
| Input voltage range | 220...240 V |
| Type of current | AC |
| Inrush current | 0,71 A ¹⁾ |
| Max. ECG no. on circuit breaker 10 A (B) | 153 |
| Max. ECG no. on circuit breaker 16 A (B) | 245 |
| Output PSTLM | ≤1 |
| Output SVM | ≤0.9 |
| On-mode power | 11.5 W |
| Energy consumption in on-mode [GMS] | 11.5 kWh/1000h |
| Displacement factor (cos φ1) [GMS] | 0.98 |

¹⁾ At 10 μs

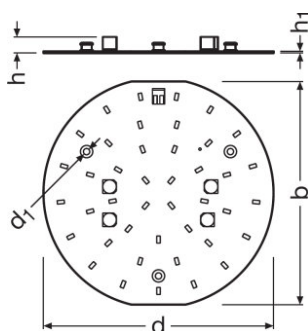
Photometrical data

| | |
|--|---------------|
| Luminous efficacy | 126 lm/W |
| Color rendering index Ra | >80 |
| Light color (designation) | Neutral White |
| Correlated color temperature CCT [GMS] | 4000 K |
| Colour consistency (McAdam ellipses) [GMS] | 3 |
| Useful luminous flux (Φ _{use}) [GMS] | 1500 lm |

Light technical data

| | |
|---------------------|----------|
| Starting time | < 0.5 s |
| Warm-up time (60 %) | < 2.00 s |

Dimensions & weight



Product datasheet

| | |
|----------------|----------|
| Diameter | 170.0 mm |
| Product weight | 87.00 g |
| Height | 14.6 mm |
| Length | 170 mm |
| Width | 165 mm |

Temperatures & operating conditions

| | |
|--------------------------------------|--------------|
| Performance temp. acc. to IEC 62717 | 75 °C |
| Maximum temperature at tc test point | 90 °C |
| Ambient temperature range | -20...+50 °C |
| Temperature range at storage | -20...85 °C |

Lifespan

| | |
|------------------------------------|---------|
| Number of switching cycles | 100000 |
| Lumen maintenance factor LMF [GMS] | 96 |
| L70B50 lifetime [GMS] | 50000 h |

Additional product data

| | |
|--------------------------------|---------------|
| Lighting technology used [GMS] | LED |
| Predecessor EAN | 4052899969612 |

Capabilities

| | |
|-------------------|-----------|
| Dimming range | 1...100 % |
| Dimming interface | Phase Cut |

Certificates & standards

| | |
|-------------------------|------------------|
| Standards | CE/ENEC/UKCA/VDE |
| Type of protection | IP20 |
| Energy efficiency class | E |

Logistical data

| | |
|----------------|--------------|
| Commodity code | 853951000000 |
|----------------|--------------|

Environmental information

| | |
|--|---------------|
| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
| Date of Declaration | 28-04-2022 |
| Primary Article Identifier | 4062172209441 |
| Candidate List Substance 1 | Lead |

Product datasheet

| | |
|----------------------------------|--|
| CAS No. of substance 1 | 7439-92-1 |
| Safe Use Instruction | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| Declaration No. in SCIP database | 57a358ec-3f23-46a1-9a29-dd8ea7921896 |





664174_5 Year OSRAM
Guarantee (LED)

Additional product information

- The product implemented control components are not designed for removal.

Download Data

| File | |
|---|---|
|  | User instruction PrevaLED Flat AC PC G3 |
|  | Certificates PL FLAT AC G2 G3 VDE ENEC 40040688 260422 |

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.

Product datasheet

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4062172209441 | PL-FLAT-AC PC-G3 1500-840 | Shipping carton box 20 | 457 mm x 331 mm x 223 mm | 33.73 dm ³ | 3360.00 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

Disclaimer

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