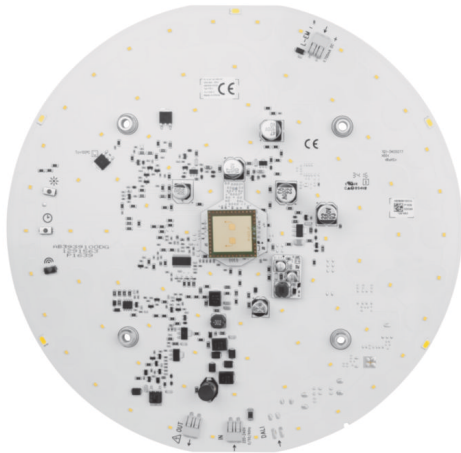


The trusted value of OSRAM Digital Systems continues with Inventronics Global – where experience meets innovation.

PL-FLAT-AC MA-G3 2500-830

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



Product family features

- Master with integrated RF sensor (motion, dimming, auto off at daylight)
- Master Slave system with up to 11 luminaires and up to 5 Masters
- 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
- 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



Specifications are subject to changes without notice.

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Areas of application

- Corridors
- Stairways
- Landings
- Hallways

Technical data

Electrical data

Nominal voltage	230.00 V
Nominal current	0.09 A
Type of current	AC
On-mode power	20 W
Energy consumption in on-mode	20 kWh/1000h
Input voltage AC	220...240 V
Output PSTLM	≤1
Output SVM	≤0.9
Mains frequency	0/50/60 Hz
Input voltage DC	176...276 V
Networked standby power	0
Inrush current	1,62 A ¹⁾
Max. ECG no. on circuit breaker 10 A (B)	88
Max. ECG no. on circuit breaker 16 A (B)	141
Total harmonic distortion	< 15 %
Power factor λ	0.9799999999999999

1) At 10 µs

Photometrical data

Luminous efficacy	117 lm/W
Color Rendering Index	80
Correlated color temperature CCT	3000 K
Colour consistency (McAdam ellipses)	3
Useful luminous flux (Φ _{use})	2350 lm

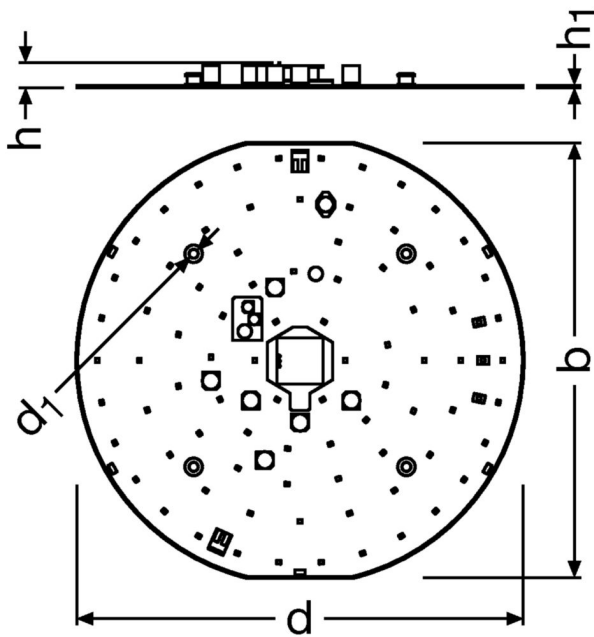
Light technical data

Beam angle	115 °
Starting time	0 s
Warm-up time (60 %)	0 s

LED module information

Number of LEDs per module	1
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Dimensions & weight



Product weight	180.00 g
Height EPREL	14.6 mm
Length EPREL	240 mm
Width EPREL	235 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

Lifespan

Number of switching cycles	100000
Lumen maintenance factor LMF	96
L70B50 lifetime	50000 h

Additional product data

Lighting technology used	LED
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Capabilities

Dimmable	No
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Certificates & standards

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

Logistical data

Commodity code	85395100000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	15-10-2025
Primary Article Identifier	4062172203302 6937186103987
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

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.

Additional product information

- 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.
- Complies with IEC/EN 62031
- Complies with IEC/EN 61547
- Complies with IEC/EN 61000-3-2/3
- Complies with EN 55015, CISPR 15
- Complies with IEC/EN 62717
- Complies with EN 300440-1/-2
- 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.
- 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.
- 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.
- 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.
- The product implemented control components are not designed for removal.

Download Data

File		
Certificates	PDF	▶ PL FLAT AC G3 VDE ENEC 40040688 250723
Mandatory Publications	PDF	▶ PL FLAT AC G3 CE 3798398 070623
Mandatory Publications	PDF	▶ PL FLAT AC G3 UK DoC 4354031 131221
Mandatory Publications	PDF	▶ PL FLAT AC MA G3 CE 4354035 070623
Mandatory Publications	PDF	▶ PL FLAT AC MA G3 UKD 4355553 270122
User instruction	PDF	▶ PrevaLED Flat AC MA SL G3 LOW 02 UI

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172203302 OSRAM	PL-FLAT-AC MA-G3 2500-830	Shipping carton box 20 Pieces	597 x 331 x 296 mm	58.49 dm ³	252.90 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
<https://www.inventronics-light.com/multilevel-guarantees>

Accessories Optional

Product description	Accessory name	Accessory code
PL-FLAT-AC MA-G3 2500-830	PL-FLTP 240 MA G2	▶ 4052899969865
PL-FLAT-AC MA-G3 2500-830	PL-FLTP 240 MA G2	▶ 6937186122698

Disclaimer

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