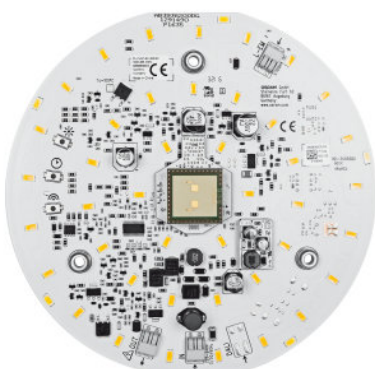


PL-FLAT-AC MA-G3 1500-830

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

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
Input voltage DC	176...276 V
Inrush current	1,45 A ¹⁾
Max. ECG no. on circuit breaker 10 A (B)	141
Max. ECG no. on circuit breaker 16 A (B)	225
Input voltage AC	220...240 V
Mains frequency	0/50/60 Hz
Output PSTLM	≤1
Output SVM	≤0.9
On-mode power	12.50 W
Energy consumption in on-mode	12.5 kWh/1000h
Displacement factor (cos φ1)	0.98

¹⁾ At 10 µs

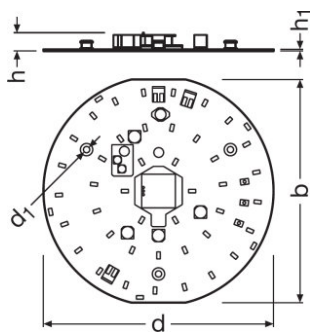
Photometrical data

Luminous efficacy	116 lm/W
Color rendering index Ra	80
Light color (designation)	Warm White
Correlated color temperature CCT	3000 K
Colour consistency (McAdam ellipses)	3
Useful luminous flux (Φuse)	1395 lm

Light technical data

Starting time	< 05 s
Warm-up time (60 %)	< 200 s
Beam angle	0 °

Dimensions & weight



Diameter	1700 mm
Product weight	10500 g
Height	14.6 mm
Length	170.0 mm
Width	165.0 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
Predecessor EAN	4052899969773

Capabilities

Dimmable	Yes
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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	21-04-2023
Primary Article Identifier	4062172209304
Candidate List Substance 1	Lead
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	769dd539-ddc6-43fb-82dd-2f040f7224b2





664174_5 Year OSRAM
Guarantee (LED)

Product datasheet

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	
	User instruction PrevaLED Flat AC MASL
	Certificates PL FLAT AC G3 VDE ENEC 40040688 250723

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.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172209304	PL-FLAT-AC MA-G3 1500-830	Shipping carton box 20	457 mm x 331 mm x 223 mm	33.73 dm ³	3360.00 g

Product datasheet

Logistical Data

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.

Accessories Optional

Product description	Accessory name	Accessory code
PL-FLAT-AC MA-G3 1500-830	PL-FLTP 170 MA G2	▶ 4052899969858

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>

Disclaimer

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