

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

PL-CN50-AC-COB-G3 -900-940-24D-PC

PrevaLED COIN 50 AC G3 | Spot-, Down- and Wallmount Light Engines and Modules



Product family features

- Integrated driver, heat sink and lens optics
- Fits into most existing traditional MR16 luminaires
- Available with 24° or 40° beam angle
- Dimmable on the leading edge and trailing edge

Product family benefits

- Easy and quick design-in for luminaire manufacturers
- Turn-key solution for projects
- 5 year guarantee
- Compatible with the most common leading-edge and trailing-edge phase dimmers
- Flicker-free dimming



Areas of application

- Retail, shop, restaurant, hospitality
- High-end residential
- Exhibition halls
- Museums
- Suitable for indoor applications

Technical data

Electrical data

Nominal voltage	230V AC V
Nominal current	0.045 A
Type of current	AC
On-mode power	9.6 W
Energy consumption in on-mode	9.6 kWh/1000h
Input voltage AC	198...264 V
Output PSTLM	≤1
Output SVM	≤0.9
Mains frequency	50 / 60 Hz
Total harmonic distortion	< 20 %
Power factor λ	0.9

Photometrical data

Color rendering index Ra	90
Correlated color temperature CCT	4000 K
Colour consistency (McAdam ellipses)	2
Useful luminous flux (Φuse)	865 lm

Light technical data

Beam angle	24 °
Starting time	0.5 s
Warm-up time (60 %)	1 s

LED module information

Number of LEDs per module	1
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Dimensions & weight

Product weight	185.00 g
Height EPREL	72 mm
Length EPREL	50 mm
Width EPREL	50 mm

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	65 °C
Maximum temperature at tc test point	90 °C

Lifespan

Number of switching cycles	25000
Lumen maintenance factor LMF	96
L70B50 lifetime	50000 h

Additional product data

Lighting technology used	LED
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Capabilities

Dimmable	Yes
Dimming interface	Phase Cut

Certificates & standards

Standards	IEC 62471 / IEC 60598-1 / EN 60529 / EN 62031 IEC 605981 / EN 55015 / EN 61547
Type of protection	IP20
Energy efficiency class	F

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	31-12-2025
Primary Article Identifier	6977770431287
Candidate List Substance 1	no declarable substance contained
Declaration No. in SCIP database	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.

Download Data

File		
Addon Technical Information	PDF	▶ PL-CN50-AC-COB-G3-900 dimmer list
User instruction	PDF	▶ UI_PL-CN50-AC-COB-G3

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6977770431287 INVENTRONICS	PL-CN50-AC-COB-G3 - 900-940-24D-PC	Shipping carton box 20 Pieces	303 x 244 x 125 mm	9.24 dm ³	218.50 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

Disclaimer

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