PL-CN50-COB- 900-D2W-24D-G1

PrevaLED COIN 50 DIM to Warm G1 | Spot-, Down- and Wallmount Light Engines and Modules



Product family features

- Soft, stepless dimming (from 2,700 K to 1,800 K)
- Very good colour rendering values in the complete dimming range
- Consistent white light: < 3 SDCM
- Color rendering index: > 90
- Beam angle: 24°, 40°
- Max. working voltage: 60 V (to be operated only on SELV LED control gear)

Product family benefits

- Compact design
- Compatible with conventional MR16 lamps
- Multi-Shadow-free illumination thanks to single light source
- 5 year guarantee

Areas of application

- Bars, restaurants
- Hospitality
- Lounges
- Suitable for indoor applications





© 2024, Inventronics GmbH. All rights reserved. Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM.

Technical data

Electrical data

Nominal current	0.35 A
Nominal voltage	37.0 V
Type of current	DC
Claimed equiv. conventional lamp power	50 W
On-mode power	12.40 W
Energy consumption in on-mode	12.4 kWh/1000h

Photometrical data

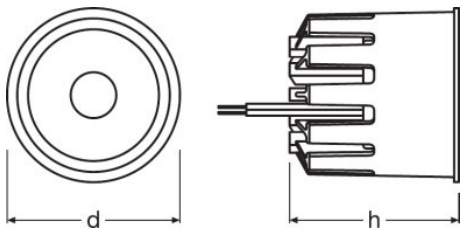
Luminous efficacy	77 lm/W
Light color (designation)	White
Color rendering index Ra	90
Correlated color temperature CCT	2700 K
Peak luminous intensity	2950
Colour consistency (McAdam ellipses)	3
Useful luminous flux (Φuse)	900 lm [1)]

[1)] 90°

Light technical data

Starting time	0.0 s
Warm-up time (60 %)	0.00 s

Dimensions & weight



Diameter	50.0 mm
Product weight	90.00 g
Height	50.0 mm
Length	50.0 mm

© 2024, Inventronics GmbH. All rights reserved. Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM.

Width	50.0 mm

Colors & materials

Heatsink color	Grey

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	75 °C
Maximum temperature at tc test point	85 °C
Ambient temperature range	-20…+40 °C
Temperature range at storage	-40…80 °C

Lifespan

Number of switching cycles	100000
Lumen maintenance factor LMF	96

Additional product data

Lighting technology used	LED

Certificates & standards

Standards	CE
Type of protection	IP20
Energy efficiency class	G

Logistical data

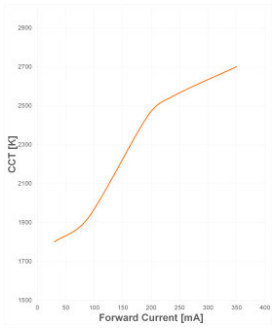
Commodity code	85395100000

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	30-06-2023
Primary Article Identifier	4052899605763
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

© 2024, Inventronics GmbH. All rights reserved. Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM.

664174_5 Year OSRAM Guarantee (LED)



PL CN 50 D2W CCT vs FW Current 160320

Download Data

	File
	CAD data PL COIN 50 COB G1 STEP 170719
	Eulumdat PL CN50 COB 900 D2W 24D G1 LDT 050520

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.

© 2024, Inventronics GmbH. All rights reserved. Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899605763	PL-CN50-COB- 900-D2W-24D-G1	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm^3	2156.00 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.

Disclaimer

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

© 2024, Inventronics GmbH. All rights reserved. Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM.