PL-CN50-COB- -900-TW-80-24D-G1

PrevaLED COIN 50 Tunable White | LED modules with integrated optics and heat sink



Product family features

- Color consistency < 3 SDCM in 2700 K
- High flux output up to 1,000 lm
- Beam angle: 24°, 40°

Product family benefits

- Compact form factor compatible with conventional MR16 CDM lamps
- Wide CCT range from 2700 K to 6500 K
- Targeting Human Centric Lighting (HCL)

Areas of application

- Retail
- Shops
- Restaurants
- Hospitality
- Museums
- Gallery
- 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	0.3 A
Nominal voltage	33.8 V
Type of current	DC
On-mode power	10.20 W
Energy consumption in on-mode	10.2 kWh/1000h

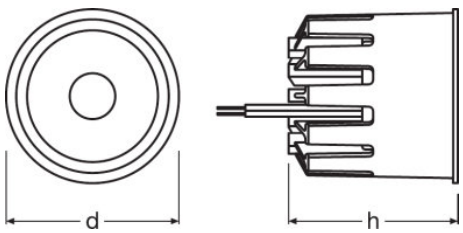
Photometrical data

Luminous efficacy	101 lm/W
Light color (designation)	Tunable Warm White
Color rendering index Ra	80
Correlated color temperature CCT	6500 K
Peak luminous intensity	3600
Colour consistency (McAdam ellipses)	5
Useful luminous flux (Φuse)	946 lm

Light technical data

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

Dimensions & weight



Diameter	50.0 mm
Product weight	95.00 g
Height	50.0 mm
Length	50.0 mm
Width	50.0 mm

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

Colors & materials

Heatsink color	Silver

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	80 °C
Maximum temperature at tc test point	80 °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
L70B50 lifetime	50000 h

Additional product data

Lighting technology used	LED

Certificates & standards

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

Logistical data

Commodity code	85395100000

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	18-04-2022
Primary Article Identifier	4062172081320
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

Download Data

File

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

	Declarations of conformity PL COIN COB G1 CE 3571792 020921

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
4062172081320	PL-CN50-COB- -900-TW-80-24D-G1	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm^3	2256.00 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.