

PL-CN50-COB- 900-D2W-40D-G1

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



Areas of application

- Bars, restaurants
- Hospitality
- Lounges

Product family benefits

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

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 datasheet

Technical data

Electrical data

Nominal wattage	12.40 W
Rated wattage	12.40 W
Nominal current	0.35 A
Nominal voltage	37.0 V
Type of current	DC
Claimed equiv. conventional lamp power	50 W

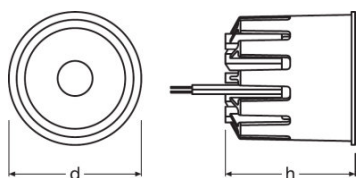
Photometrical data

Total useful luminous flux	950 lm
Luminous efficacy	77 lm/W
Light color (designation)	White
Standard deviation of color matching	≤3 sdc _m
Luminous intensity	1900 cd
Nominal useful luminous flux 90°	846 lm
Rated useful luminous flux 90°	846 lm
Color temperature	2700 K
Color rendering index Ra	>90
Rated peak intensity	1900 cd

Light technical data

Rated beam angle (half peak value)	40.00 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s
Beam angle	40 °

Dimensions & weight



Product datasheet

Diameter	50.0 mm
Rated height	50.00 mm
Product weight	90.00 g

Colors & materials

Heatsink color	Grey
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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

Lumen main.fact.at end of nom.life time	0.70
Lifespan	50000 h
Nominal lamp life time	50000 h
Rated lamp life time	50000 h
Number of switching cycles	100000

Capabilities

Dimmable	Yes
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Certificates & standards

Energy consumption	14 kWh/1000h
Energy efficiency class	A
Standards	CE
Type of protection	IP20

Logistical data



Commodity code	854140100000
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Product datasheet



Guarantee

Download Data

File	
	Brochures Light is easy to optimize - PrevaLED COIN 50 and 111 COB G1 (EN)
	CAD data Coin50 DC COB

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899605787	PL-CN50-COB- 900-D2W-40D-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.