

PL-CN111-COB-2800-930UW-24D- G1

PrevaLED COIN 111 DC COB UW G1 | LED modules with integrated optics and heat sink



Product family features

- Consistent white light: < 3 SDCM
- TM30 compliant, R_g 100, R_f 90
- Color rendering index R_a: 90 (TM30 compliant)
- Beam angle: 15°, 24° and 40°
- Luminous flux: 1,100...3,600 lm (model dependent)

Product family benefits

- Compact design
- Compatible with conventional AR111 CDM lamps
- Ultra White effect targeting retail shop application
- Multi-Shadow-free illumination thanks to single light source
- High color rendering performance, complying with IES TM30

Areas of application

- Shops
- Retail
- Restaurants
- Hospitality
- Museums, galleries



Technical data

Electrical data

Nominal current	0.7 A
Nominal voltage	37.0 V ¹⁾
Type of current	DC
Claimed equiv. conventional lamp power	100 W

¹⁾ All parameters are derived at steady status when: T_p = 65 °C

Photometrical data

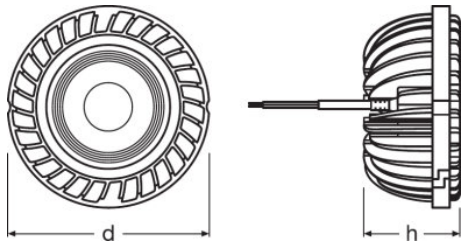
Luminous efficacy	92 lm/W ¹⁾
Light color (designation)	White
Color rendering index Ra	≥80

¹⁾ All parameters are derived at steady status when: T_p =65 °C/Tolerance of measurements is ±7%

Light technical data

Starting time	0.0 s
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Dimensions & weight



Diameter	110.0 mm
Product weight	355.00 g

Colors & materials

Heatsink color	Silver
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Temperatures & operating conditions

Performance temp. acc. to IEC 62717	65 °C
Maximum temperature at tc test point	90 °C
Ambient temperature range	-25...+40 °C

Product datasheet

Temperature range at storage	-40...80 °C
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Certificates & standards

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

Logistical data

Commodity code	853951000000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	27-05-2022
Primary Article Identifier	4062172005203
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

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
4062172005203	PL-CN111-COB-2800-930UW-24D- G1	Shipping carton box 12	280 mm x 254 mm x 209 mm	14.86 dm³	5082.00 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.