

PrevaLED COIN 111 DC COB UW G1

LED modules with integrated optics and heat sink



Areas of application

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

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

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)



Technical data

Electrical data

Product description	Nominal current	Nominal voltage	Type of current	Claimed equiv. conventional lamp power
PL-CN111-COB-2800-930UW-15D-G1	0.7 A	37.0 V ¹⁾	DC	100 W
PL-CN111-COB-2800-930UW-24D-G1	0.7 A	37.0 V ¹⁾	DC	100 W
PL-CN111-COB-2800-930UW-40D-G1	0.7 A	37.0 V ¹⁾	DC	100 W

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

Photometrical data

Product description	Luminous efficacy	Light color (designation)	Color rendering index Ra
PL-CN111-COB-2800-930UW-15D-G1	90 lm/W ¹⁾	White	≥80
PL-CN111-COB-2800-930UW-24D-G1	92 lm/W ¹⁾	White	≥80
PL-CN111-COB-2800-930UW-40D-G1	89 lm/W ¹⁾	White	≥80

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

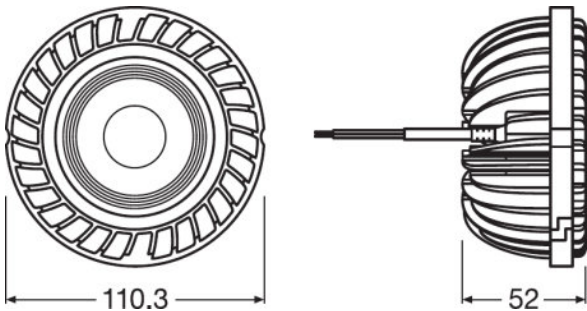
Light technical data

Product description	Starting time
PL-CN111-COB-2800-930UW-15D-G1	0.0 s
PL-CN111-COB-2800-930UW-24D-G1	0.0 s
PL-CN111-COB-2800-930UW-40D-G1	0.0 s

Dimensions & weight

Product description	Diameter	Product weight
PL-CN111-COB-2800-930UW-15D-G1	110.0 mm	355.00 g
PL-CN111-COB-2800-930UW-24D-G1	110.0 mm	355.00 g
PL-CN111-COB-2800-930UW-40D-G1	110.0 mm	355.00 g

Product line drawing



PL-CN111-COB-2800-930UW-15D- G1, PL-CN111-COB-2800-930UW-24D- G1, PL-CN111-COB-2800-930UW-40D-G1

Colors & materials

Product description	Heatsink color
PL-CN111-COB-2800-930UW-15D-G1	Silver
PL-CN111-COB-2800-930UW-24D-G1	Silver
PL-CN111-COB-2800-930UW-40D-G1	Silver

Temperatures & operating conditions

Product description	Performance temp. acc. to IEC 62717	Maximum temperature at tc test point	Ambient temperature range	Temperature range at storage
PL-CN111-COB-2800-930UW-15D-G1	65 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN111-COB-2800-930UW-24D-G1	65 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN111-COB-2800-930UW-40D-G1	65 °C	90 °C	-25...+40 °C	-40...80 °C

Certificates & standards

Product description	Standards
PL-CN111-COB-2800-930UW-15D-G1	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
PL-CN111-COB-2800-930UW-24D-G1	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
PL-CN111-COB-2800-930UW-40D-G1	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

Logistical data

Product description	Commodity code
PL-CN111-COB-2800-930UW-15D-G1	853951000000
PL-CN111-COB-2800-930UW-24D-G1	853951000000
PL-CN111-COB-2800-930UW-40D-G1	853951000000

Product family datasheet

Environmental information
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
PL-CN111-COB-2800-930UW-15D-G1	27-05-2022	4062172005180	No declarable substances contained
PL-CN111-COB-2800-930UW-24D-G1	27-05-2022	4062172005203	No declarable substances contained
PL-CN111-COB-2800-930UW-40D-G1	27-05-2022	4062172005227	No declarable substances contained

Product description	Declaration No. in SCIP database
PL-CN111-COB-2800-930UW-15D-G1	No declarable substances contained
PL-CN111-COB-2800-930UW-24D-G1	No declarable substances contained
PL-CN111-COB-2800-930UW-40D-G1	No declarable substances contained

Application advice

For more detailed application information and graphics please see product datasheet.

Sales and Technical Support

Sales and Technical Support www.osram.com

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
4062172005180	PL-CN111-COB-2800-930UW-15D- G1	Shipping carton box 12	280 mm x 254 mm x 209 mm	14.86 dm ³	5082.00 g
4062172005203	PL-CN111-COB-2800-930UW-24D- G1	Shipping carton box 12	280 mm x 254 mm x 209 mm	14.86 dm ³	5082.00 g

Product family datasheet

Logistical Data

4062172005227	PL-CN111-COB-2800-930UW-40D- G1	Shipping carton box 12	280 mm x 254 mm x 209 mm	14.86 dm ³	5082.00 g
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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.