

Product family datasheet

OSRAM**COIN 111 AC G2**

Spot-, Down- and Wallmount Light Engines and Modules



Areas of application

- Retail
- Shop lighting
- Restaurants
- Hospitality
- Museums, galleries

Product family benefits

- Dimmable (with suitable Phase-cut and 1...10 V dimming methods)
- Slim and compact design
- Form factor compatible with conventional HID 35W lamps
- Multi-Shadow-free illumination thanks to single light source

Product family features

- Initial color consistency: < 3 SDCM
- Available with color temperature: 3,000 K, 4,000 K
- Color rendering index R_a : > 80
- Available with 24° or 40° beam angle
- Available with luminous flux: 1,900...2,000 lm



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Technical data

Electrical data

Product description	Nominal wattage	Rated wattage	Nominal voltage	Type of current
CN111-AC-G2- 2000-840-40D-AG	21.50 W	21.50 W	230 V	DC
CN111-AC-G2- 2000-840-40D-PC	21.50 W	21.50 W	230 V	DC
CN111-AC-G2- 2000-830-24D-AG	21.50 W	21.50 W	230 V	DC
CN111-AC-G2- 2000-830-24D-PC	21.50 W	21.50 W	230 V	DC
CN111-AC-G2- 2000-840-24D-AG	21.50 W	21.50 W	230 V	DC
CN111-AC-G2- 2000-840-24D-PC	21.50 W	21.50 W	230 V	DC
CN111-AC-G2- 2000-840-24D-AG	21.50 W	21.50 W	230 V	DC
CN111-AC-G2- 2000-830-24D-PC	21.50 W	21.50 W	230 V	DC

Photometrical data

Product description	Luminous efficacy
CN111-AC-G2- 2000-840-40D-AG	93 lm/W ¹⁾
CN111-AC-G2- 2000-840-40D-PC	93 lm/W ¹⁾
CN111-AC-G2- 2000-830-24D-AG	88 lm/W ¹⁾
CN111-AC-G2- 2000-830-24D-PC	88 lm/W ¹⁾
CN111-AC-G2- 2000-840-24D-AG	93 lm/W ¹⁾
CN111-AC-G2- 2000-840-24D-PC	93 lm/W ¹⁾
CN111-AC-G2- 2000-840-24D-AG	88 lm/W ¹⁾
CN111-AC-G2- 2000-830-24D-PC	88 lm/W ¹⁾

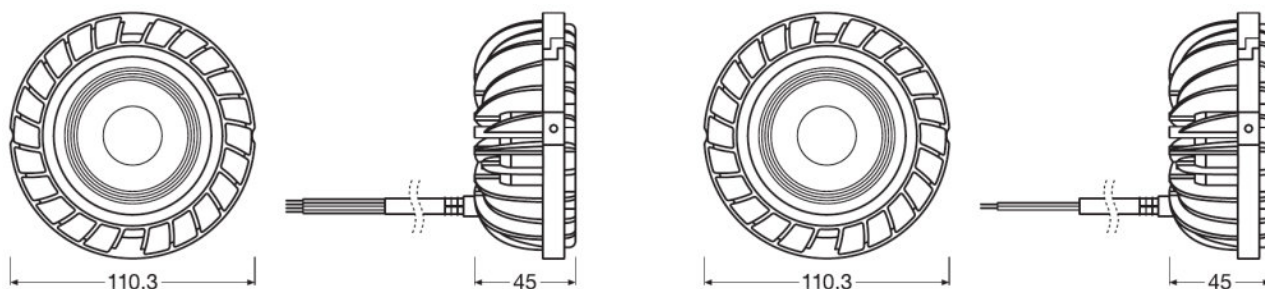
¹⁾ All parameters are derived at steady status when: T_p =65°C/Tolerance of measurements is ±7%

Dimensions & weight

Product description	Rated height	Product weight
CN111-AC-G2- 2000-840-40D-AG	50.00 mm	250.00 g
CN111-AC-G2- 2000-840-40D-PC	50.00 mm	250.00 g
CN111-AC-G2- 2000-830-24D-AG	50.00 mm	250.00 g
CN111-AC-G2- 2000-830-24D-PC	50.00 mm	250.00 g
CN111-AC-G2- 2000-840-24D-AG	50.00 mm	250.00 g
CN111-AC-G2- 2000-840-24D-PC	50.00 mm	250.00 g
CN111-AC-G2- 2000-840-24D-AG	50.00 mm	250.00 g
CN111-AC-G2- 2000-830-24D-PC	50.00 mm	250.00 g

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Product line drawing



CN111-AC-G2- 2000-840-40D-AG, CN111-AC-G2- 2000-830-24D-AG, CN111-AC-G2- 2000-840-24D-AG, CN111-AC-G2- 2000-840-24D-AG

CN111-AC-G2- 2000-840-40D-PC, CN111-AC-G2- 2000-830-24D-PC, CN111-AC-G2- 2000-840-24D-PC, CN111-AC-G2- 2000-830-24D-PC

Temperatures & operating conditions

Product description	Temperature range at storage
CN111-AC-G2- 2000-840-40D-AG	-40...80 °C
CN111-AC-G2- 2000-840-40D-PC	-40...80 °C
CN111-AC-G2- 2000-830-24D-AG	-40...80 °C
CN111-AC-G2- 2000-830-24D-PC	-40...80 °C
CN111-AC-G2- 2000-840-24D-AG	-40...80 °C
CN111-AC-G2- 2000-840-24D-PC	-40...80 °C
CN111-AC-G2- 2000-840-24D-AG	-40...80 °C
CN111-AC-G2- 2000-830-24D-PC	-40...80 °C

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Lifespan

Product description	Lifespan	Rated lamp life time
CN111-AC-G2- 2000-840-40D-AG	50000 h 1)	15000 h
CN111-AC-G2- 2000-840-40D-PC	50000 h 1)	15000 h
CN111-AC-G2- 2000-830-24D-AG	50000 h 1)	15000 h
CN111-AC-G2- 2000-830-24D-PC	50000 h 1)	15000 h
CN111-AC-G2- 2000-840-24D-AG	50000 h 1)	15000 h
CN111-AC-G2- 2000-840-24D-PC	50000 h 1)	15000 h
CN111-AC-G2- 2000-840-24D-AG	50000 h 1)	15000 h
CN111-AC-G2- 2000-830-24D-PC	50000 h 1)	15000 h

1) L70/B50 at T_c 65 °C

Capabilities

Product description	Dimmable
CN111-AC-G2- 2000-840-40D-AG	Yes
CN111-AC-G2- 2000-840-40D-PC	Yes
CN111-AC-G2- 2000-830-24D-AG	Yes
CN111-AC-G2- 2000-830-24D-PC	Yes
CN111-AC-G2- 2000-840-24D-AG	Yes
CN111-AC-G2- 2000-840-24D-PC	Yes
CN111-AC-G2- 2000-840-24D-AG	Yes
CN111-AC-G2- 2000-830-24D-PC	Yes

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Certificates & standards

Product description	Standards
CN111-AC-G2- 2000-840-40D-AG	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
CN111-AC-G2- 2000-840-40D-PC	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
CN111-AC-G2- 2000-830-24D-AG	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
CN111-AC-G2- 2000-830-24D-PC	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
— CN111-AC-G2- 2000-840-24D-AG	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
CN111-AC-G2- 2000-840-24D-PC	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
CN111-AC-G2- 2000-840-24D-AG	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
CN111-AC-G2- 2000-830-24D-PC	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

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Logistical data

Product description	Commodity code
CN111-AC-G2- 2000-840-40D-AG	854370909900
CN111-AC-G2- 2000-840-40D-PC	854370909900
CN111-AC-G2- 2000-830-24D-AG	854370909900
CN111-AC-G2- 2000-830-24D-PC	854370909900
CN111-AC-G2- 2000-840-24D-AG	854370909900
CN111-AC-G2- 2000-840-24D-PC	854370909900
CN111-AC-G2- 2000-840-24D-AG	854370909900
CN111-AC-G2- 2000-830-24D-PC	854370909900

Application advice

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

Sales and Technical Support

Sales and Technical Support www.osram.com

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899586451	CN111-AC-G2- 2000-840-40D-AG	Shipping carton box 12	295 mm x 255 mm x 248 mm	18.66 dm ³	4078.00 g
4052899586437	CN111-AC-G2- 2000-840-40D-PC	Shipping carton box 12	295 mm x 255 mm x 248 mm	18.66 dm ³	4078.00 g
4052899586413	CN111-AC-G2- 2000-830-24D-AG	Shipping carton box 12	295 mm x 255 mm x 248 mm	18.66 dm ³	4078.00 g
4052899586390	CN111-AC-G2- 2000-830-24D-PC	Shipping carton box 12	295 mm x 255 mm x 248 mm	18.66 dm ³	4078.00 g
4052899586376	CN111-AC-G2- 2000-840-24D-AG	Shipping carton box 12	295 mm x 255 mm x 248 mm	18.66 dm ³	4078.00 g
4052899586352	CN111-AC-G2- 2000-840-24D-PC	Shipping carton box 12	295 mm x 255 mm x 248 mm	18.66 dm ³	4078.00 g
4052899586338	CN111-AC-G2- 2000-840-24D-AG	Shipping carton box 12	295 mm x 255 mm x 248 mm	18.66 dm ³	4078.00 g
4052899586314	CN111-AC-G2- 2000-830-24D-PC	Shipping carton box 12	295 mm x 255 mm x 248 mm	18.66 dm ³	4078.00 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.

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Disclaimer

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