

PrevaLED COIN 111 AC G1

LED modules with integrated optics and heat sink



Areas of application

- LED replacement for high intensity discharge lamps up to 35 W
- Shop lighting
- Shopping centers
- Exhibition halls
- Museums

Product benefits

- Easy and quick design-in for luminaire manufacturers
- Turn-key solution for projects

Product features

- Integrated driver, heat sink and lens optics
- Fits into most existing traditional R111 luminaires
- Available with 24° or 40° beam angle
- Versions with different luminous flux and different color temperatures available



Product family datasheet

Technical data

Electrical data

Product description	Nominal current	Nominal voltage	Power factor λ	Type of current
PL-CN 111AC-1200-830 24 G1	0.075 A	230 V	≥ 0.90	AC
PL-CN 111AC-1200-830 40 G1	0.075 A	230 V	≥ 0.90	AC
PL-CN 111AC-1200-840 24 G1	0.075 A	230 V	≥ 0.90	AC
PL-CN 111AC-1200-840 40 G1	0.075 A	230 V	≥ 0.90	AC
PL-CN 111AC-1800-830 24 G1	0.105 A	230 V	≥ 0.90	AC
PL-CN 111AC-1800-830 40 G1	0.105 A	230 V	≥ 0.90	AC
PL-CN 111AC-1800-840 24 G1	0.105 A	230 V	≥ 0.90	AC
PL-CN 111AC-1800-840 40 G1	0.105 A	230 V	≥ 0.90	AC

Photometrical data

Product description	Total useful luminous flux	Color temperature	Color rendering index Ra	Standard deviation of color matching	Rated peak intensity	Nominal useful luminous flux 90°
PL-CN 111AC-1200-830 24 G1	1125 lm	3000 K	83	≤ 4 sdc	4350 cd	1125 lm
PL-CN 111AC-1200-830 40 G1	1125 lm	3000 K	83	≤ 4 sdc	2250 cd	1125 lm
PL-CN 111AC-1200-840 24 G1	1215 lm	4000 K	83	≤ 4 sdc	4700 cd	1215 lm
PL-CN 111AC-1200-840 40 G1	1215 lm	4000 K	83	≤ 4 sdc	2400 cd	1215 lm
PL-CN 111AC-1800-830 24 G1	1665 lm	3000 K	83	≤ 4 sdc	6450 cd	1665 lm
PL-CN 111AC-1800-830 40 G1	1665 lm	3000 K	83	≤ 4 sdc	3300 cd	1665 lm
PL-CN 111AC-1800-840 24 G1	1755 lm	4000 K	83	≤ 4 sdc	6800 cd	1755 lm
PL-CN 111AC-1800-840 40 G1	1755 lm	4000 K	83	≤ 4 sdc	3500 cd	1755 lm

Product description	Rated useful luminous flux 90°
PL-CN 111AC-1200-830 24 G1	1125 lm
PL-CN 111AC-1200-830 40 G1	1125 lm
PL-CN 111AC-1200-840 24 G1	1215 lm
PL-CN 111AC-1200-840 40 G1	1215 lm
PL-CN 111AC-1800-830 24 G1	1665 lm
PL-CN 111AC-1800-830 40 G1	1665 lm
PL-CN 111AC-1800-840 24 G1	1755 lm
PL-CN 111AC-1800-840 40 G1	1755 lm

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Light technical data

Product description	Rated beam angle (half peak value)	Starting time
PL-CN 111AC-1200-830 24 G1	24.00 °	< 0.5 s
PL-CN 111AC-1200-830 40 G1	40.00 °	< 0.5 s
PL-CN 111AC-1200-840 24 G1	24.00 °	< 0.5 s
PL-CN 111AC-1200-840 40 G1	40.00 °	< 0.5 s
PL-CN 111AC-1800-830 24 G1	24.00 °	< 0.5 s
PL-CN 111AC-1800-830 40 G1	40.00 °	< 0.5 s
PL-CN 111AC-1800-840 24 G1	24.00 °	< 0.5 s
PL-CN 111AC-1800-840 40 G1	40.00 °	< 0.5 s

Dimensions & weight

Product description	Cable length	Product weight
PL-CN 111AC-1200-830 24 G1	500.0 mm	340.00 g
PL-CN 111AC-1200-830 40 G1	500.0 mm	340.00 g
PL-CN 111AC-1200-840 24 G1	500.0 mm	340.00 g
PL-CN 111AC-1200-840 40 G1	500.0 mm	340.00 g
PL-CN 111AC-1800-830 24 G1	500.0 mm	340.00 g
PL-CN 111AC-1800-830 40 G1	500.0 mm	340.00 g
PL-CN 111AC-1800-840 24 G1	500.0 mm	340.00 g
PL-CN 111AC-1800-840 40 G1	500.0 mm	340.00 g

Lifespan

Product description	Lumen main. fact. at end of nom. life time	Rated lamp life time	Number of switching cycles
PL-CN 111AC-1200-830 24 G1	0.70	35000 h	100000
PL-CN 111AC-1200-830 40 G1	0.70	35000 h	100000
PL-CN 111AC-1200-840 24 G1	0.70	35000 h	100000
PL-CN 111AC-1200-840 40 G1	0.70	35000 h	100000
PL-CN 111AC-1800-830 24 G1	0.70	35000 h	100000
PL-CN 111AC-1800-830 40 G1	0.70	35000 h	100000
PL-CN 111AC-1800-840 24 G1	0.70	35000 h	100000
PL-CN 111AC-1800-840 40 G1	0.70	35000 h	100000

Product family datasheet

Capabilities

Product description	Dimmable
PL-CN 111AC-1200-830 24 G1	No
PL-CN 111AC-1200-830 40 G1	No
PL-CN 111AC-1200-840 24 G1	No
PL-CN 111AC-1200-840 40 G1	No
PL-CN 111AC-1800-830 24 G1	No
PL-CN 111AC-1800-830 40 G1	No
PL-CN 111AC-1800-840 24 G1	No
PL-CN 111AC-1800-840 40 G1	No

Certificates & standards

Product description	Energy consumption	Energy efficiency class
PL-CN 111AC-1200-830 24 G1	18 kWh/1000h	A
PL-CN 111AC-1200-830 40 G1	18 kWh/1000h	A
PL-CN 111AC-1200-840 24 G1	18 kWh/1000h	A
PL-CN 111AC-1200-840 40 G1	18 kWh/1000h	A
PL-CN 111AC-1800-830 24 G1	25 kWh/1000h	A
PL-CN 111AC-1800-830 40 G1	25 kWh/1000h	A
PL-CN 111AC-1800-840 24 G1	25 kWh/1000h	A
PL-CN 111AC-1800-840 40 G1	25 kWh/1000h	A

Application advice


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

Sales and Technical Support










Sales and Technical Support www.osram.com

Country specific information

Download Data

File
 Product Datasheet Data Sheet PrevaLED COIN 111 AC

Product family datasheet

	Certificates ENEC Marks Approval 40038544
	Eulumdat PL-CN111AC-G1 1200-830 24
	Eulumdat PL-CN111AC-G1 1200-830 40
	Eulumdat PL-CN111AC-G1 1200-840 24
	Eulumdat PL-CN111AC-G1 1200-840 40
	Eulumdat PL-CN111AC-G1 1800-830 24
	Eulumdat PL-CN111AC-G1 1800-830 40
	Eulumdat PL-CN111AC-G1 1800-840 24
	Eulumdat PL-CN111AC-G1 1800-840 40

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899165533	PL-CN 111AC-1200-830 24 G1	Shipping carton box 12	280 mm x 254 mm x 224 mm	15.93 dm ³	5003.00 g
4052899165618	PL-CN 111AC-1200-830 40 G1	Shipping carton box 12	280 mm x 254 mm x 224 mm	15.93 dm ³	4938.00 g
4052899165557	PL-CN 111AC-1200-840 24 G1	Shipping carton box 12	280 mm x 254 mm x 224 mm	15.93 dm ³	5003.00 g
4052899165632	PL-CN 111AC-1200-840 40 G1	Shipping carton box 12	280 mm x 254 mm x 224 mm	15.93 dm ³	5003.00 g
4052899165571	PL-CN 111AC-1800-830 24 G1	Shipping carton box 12	280 mm x 254 mm x 224 mm	15.93 dm ³	5007.00 g
4052899165656	PL-CN 111AC-1800-830 40 G1	Shipping carton box 12	280 mm x 254 mm x 224 mm	15.93 dm ³	4992.00 g
4052899165595	PL-CN 111AC-1800-840 24 G1	Shipping carton box 12	280 mm x 254 mm x 224 mm	15.93 dm ³	5098.00 g
4052899165670	PL-CN 111AC-1800-840 40 G1	Shipping carton box 12	280 mm x 254 mm x 224 mm	15.93 dm ³	5003.00 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

Product family datasheet

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