OSRAM

PRODUCT DATASHEET
PL-CN 111AC-G2 1200-840 24

PrevaLED© COIN 111 AC G2 | 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
– Suitable for indoor applications

Product benefits

– Easy and quick design-in for luminaire manufacturers
– Turn-key solution for projects
– 5 year guarantee

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
– Lifetime (L70/B50): 35,000 h

TECHNICAL DATA

Electrical data

Nominal wattage	12.00 W
Construction wattage	12.00 W
Nominal voltage	230 V
Input voltage range	220...240 V
Type of current	AC
Nominal current	0.06 A
Power factor λ	≥ 0.85

Photometrical data

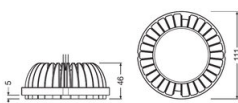|	
Luminous efficacy	110.8 lm/W
Luminous flux	1200 lm [1]
Luminous intensity	3980 cd
Color temperature	3900 K
Color rendering index Ra	80
Light color LED	White
Light color (designation)	Neutral White
Standard deviation of color matching	3 sdcm
Rated peak intensity	3980 cd
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.9

1) 90 °

Light technical data

Beam angle	24 °
Starting time	< 0.5 s

LED MODULE INFORMATION

Number of LEDs per module	12

Dimensions & Weight

Length	111.00 mm
Cable length	500.000
Width	111.00 mm
Height	49.50 mm
Diameter	110.7 mm
Product weight	340.00 g

Colors & materials

Product color	White

Temperatures & operating conditions

Ambient temperature range	-25...80 °C
Maximum temperature at tc test point	80 °C
Temperature range in operation	-25...80 °C
Performance temp. acc. to IEC 62717	65 °C

Lifespan

Nominal lamp life time	35000 h
Number of switching cycles	100000

Capabilities

Dimmable	No

Certificates & Standards

Standards	Acc. to IEC 62471 / Acc. to IEC 60598-1 / Acc. to EN 60529 / Acc. to EN62031 IEC 605981 / Acc. to EN 55015 / Acc. to EN 61547
Type of protection	IP20
Energy efficiency class	E

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED

DOWNLOAD DATA

	Documents and certificates
PDF	User instruction
PDF	Declarations Of Conformity UKCA
PDF	Certificates

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4062172239332	Folding box 1	129 mm x 118 mm x 64 mm	380.00 g	0.97 dm³
4062172239349	Shipping box 12	280 mm x 254 mm x 224 mm	4943.00 g	15.93 dm³

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.