OSRAM

PL-CN35-COB- 600-940-15D-G2

PrevaLED COIN 35 COB G2 | LED modules with integrated optics and heat sink

Product family features

‒ Color consistency < 2 SDCM
‒ Type of protection: IP20
‒ High flux output up to 650 lm
‒ Beam angle: 15°, 24°, 36°

Product family benefits

‒ Compact form factor compatible with conventional MR11 lamps
‒ Precise optical control and free from multi-shadow issue

Areas of application

‒ Retail, shop, restaurant, hospitality
‒ High-end residential
‒ Suitable for indoor applications
‒ Connecting multiple modules in parallel on one LED driver is not permitted
‒ Connecting multiple modules in series on one LED driver is not recommended
‒ Do not use in sealed fixtures
‒ Avoid covering the lens with dust or any object

Technical data

Electrical data

Nominal current	018 A
Nominal voltage	329 V
Type of current	DC
On-mode power	6.00 W
Energy consumption in on-mode	6.0 kWh/1000h

Photometrical data

Luminous efficacy	80 lm/W
Light color (designation)	4000 K
Color rendering index Ra	90
Correlated color temperature CCT	4000 K
Peak luminous intensity	3612
Colour consistency (McAdam ellipses)	2
Useful luminous flux (Φuse)	424 lm [1]

[1] 90°

Light technical data

Starting time	< 05 s
Warm-up time (60 %)	< 200 s
Beam angle	1600 °

Dimensions & weight
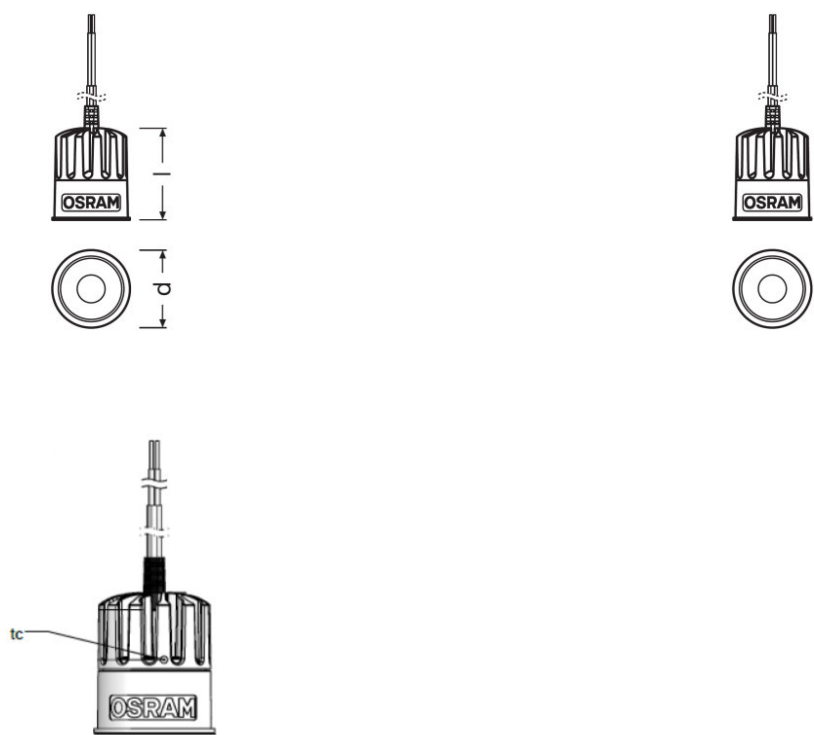
Diameter	340 mm [1]
Product weight	3800 g
Height	40.0 mm
Length	34.0 mm
Width	34.0 mm

[1] ±0.2 mm

Colors & materials

Heatsink color	Grey

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	75 °C
Maximum temperature at tc test point	95 °C
Ambient temperature range	-25...+40 °C
Temperature range at storage	-40...80 °C

Lifespan

Number of switching cycles	15000

Lumen maintenance factor LMF	96
L70B50 lifetime	50000 h

Additional product data

Product remark	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information (see www.osram.com/led-systems)./All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values/Tolerance for optical and electrical data: +/-10%
Lighting technology used	LED

Capabilities

Dimmable	Yes

Certificates & standards

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

Logistical data

Commodity code	85395100000

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	20-05-2022
Primary Article Identifier	4062172227124
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

Download Data

File

Product datasheet

	Certificates PL CN35 COB G2 ENEC 181121
	CAD data PL CN35 G2 STEP 041121
	IES data PL CN35 COB 600 940 15D G2 IES 041121

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
4062172227124	PL-CN35-COB- 600-940-15D-G2	Shipping carton box 20	218 mm x 176 mm x 87 mm	3.34 dm³	1108.00 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.

Accessories Optional

Product description	Accessory name	Accessory code
PL-CN35-COB- 600-940-15D-G2	BLACK COVER FOR COIN 35 COB G2	▶ 4062172251761
PL-CN35-COB- 600-940-15D-G2	PL-CN35 -ROUND-RING	▶ 4062172270113

Disclaimer

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