

The trusted value of OSRAM Digital Systems continues with Inventronics Global – where experience meets innovation.

PL-CN35-COB- 600-940-36D-G3

PL COIN 35 COB G3 | Spot-, Down- and Wallmount Light Engines and Modules



Product family features

- Color consistency in 3 SDCM
- TM30 compliant
- Type of protection: IP20
- High flux output up to 680 lm
- Beam angle: 24°, 36°

Product family benefits

- Compact form factor compatible with conventional MR11 lamps
- Precise optical control and free from multi-shadow issue
- Replaceable front cover to maximize optics flexibility and future extension



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 voltage	34.00 V
Nominal current	0.18 A
Type of current	DC
On-mode power	6.1 W
Energy consumption in on-mode	6.1 kWh/1000h
Maximum forward voltage	38 V

Photometrical data

Luminous efficacy	111.5 lm/W
Peak luminous intensity	1417
Correlated color temperature CCT	4000 K
Colour consistency (McAdam ellipses)	3
Useful luminous flux (Φ_{use})	592 lm
Color rendering index Ra	90

Light technical data

Beam angle	36 °
Starting time	0 s
Warm-up time (60 %)	0 s

LED module information

Number of LEDs per module	1
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Dimensions & weight

Product weight	38.00 g
Height EPREL	40.5 mm
Length EPREL	34 mm
Width EPREL	34 mm

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	75 °C
Maximum temperature at tc test point	95 °C

Lifespan

Number of switching cycles	>15000
Lumen maintenance factor LMF	96
L70B50 lifetime	50000 h

Additional product data

Lighting technology used	LED
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Capabilities

Dimmable	Yes
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Certificates & standards

Standards	IEC 62778 / IEC 60598-1 / EN 62031 / EN 55015 / EN 61547 / IEC 61000-3-2 / IEC 61000-3-3
Type of protection	IP20
Energy efficiency class	F

Logistical data

Commodity code	85395100000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	12-01-2026
Primary Article Identifier	6937186150974
Declaration No. in SCIP database	In work
SCIP_ID	

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.

Download Data

File		
Certificates	PDF	▶ CB CERTIFICATE 331284_70044 PL COIN 35 50 111 G3
Certificates	PDF	▶ PL ENEC 40031612 05082025
CAD data	Compressed	▶ PL-CN35-G3 STEP 171225
User instruction	PDF	▶ UI PL-CN35 50 111 COB G3

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6937186150974 INVENTRONICS	PL-CN35-COB- 600-940- 36D-G3	Shipping carton box 20 Pieces	218 x 176 x 87 mm	3.34 dm ³	49.70 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