

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

PL-CN111-COB- 4300-965-24D-G3

PL COIN 111 COB G3 | Spot-, Down- and Wallmount Light Engines and Modules



Product family features

- Color consistency < 2 SDCM
- TM30 compliant
- High flux output up to 4200 lm
- Beam angle: 24°, 40°, 60°
- Type of protection: IP20

Product family benefits

- Compact form factor compatible with conventional AR111 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	1.05 A
Type of current	DC
On-mode power	36.2 W
Energy consumption in on-mode	36.2 kWh/1000h
Maximum forward voltage	36 V

Photometrical data

Luminous efficacy	114 lm/W
Peak luminous intensity	10540
Correlated color temperature CCT	6500 K
Colour consistency (McAdam ellipses)	2
Useful luminous flux (Φ_{use})	3490 lm
Color rendering index Ra	90

Light technical data

Beam angle	24 °
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	390.00 g
Height EPREL	52 mm
Length EPREL	110 mm
Width EPREL	110 mm

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	80 °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	13-01-2026
Primary Article Identifier	6937186151797
Declaration No. in SCIP database	In work
SCIP_ID	

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-CN111-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
6937186151797 INVENTRONICS	PL-CN111-COB- 4300- 965-24D-G3	Shipping carton box 12 Pieces	280 x 254 x 209 mm	14.86 dm ³	450.43 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