

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

## PL-CN111-COB- 3300-TW-90-24D-G3

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



### Product family features

- Color consistency in 3 SDCM
- High flux output up to 3500 lm
- Beam angle: 24°, 40°
- Type of protection: IP20

### Product family benefits

- Compact form factor compatible with conventional AR111 lamps
- Wide CCT range from 2700 K to 6500 K
- 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	0.9 A
Type of current	DC
On-mode power	30.5 W
Energy consumption in on-mode	30.5 kWh/1000h

### Photometrical data

Luminous efficacy	105,5 lm/W
Peak luminous intensity	6790
Correlated color temperature CCT	4000 K
Colour consistency (McAdam ellipses)	3
Useful luminous flux ( $\Phi_{use}$ )	3165 lm
Color rendering index Ra	90

### Light technical data

Beam angle	40 °
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	380.00 g
Height EPREL	52 mm
Length EPREL	110 mm
Width EPREL	110 mm

## Temperatures & operating conditions

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

## Lifespan

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 61347-1 / EN 62031 / IEC 60598-1 / EN 55015 / IEC 61000-3-3
Type of protection	IP20
Energy efficiency class	E

## 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	6937186152152
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
User instruction	PDF	▶ UI PL-CN50 111 COB TW G3

## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6937186152152 INVENTRONICS	PL-CN111-COB- 3300- TW-90-24D-G3	Shipping carton box 12 Pieces	280 x 254 x 209 mm	14.86 dm <sup>3</sup>	440.43 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