

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

## PL-CN111-COB- 3300-TW-90-40D-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	30.6 W
Energy consumption in on-mode	30.6 kWh/1000h

### Photometrical data

Luminous efficacy	106.5 lm/W
Peak luminous intensity	9295
Correlated color temperature CCT	4000 K
Colour consistency (McAdam ellipses)	3
Useful luminous flux ( $\Phi_{use}$ )	3045 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

<b>Product weight</b>	380.00 g
<b>Height EPREL</b>	52 mm
<b>Length EPREL</b>	110 mm
<b>Width EPREL</b>	110 mm

## Temperatures & operating conditions

<b>Performance temp. acc. to IEC 62717</b>	75 °C
<b>Maximum temperature at tc test point</b>	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

<b>Standards</b>	IEC 62778 / IEC 61347-1 / EN 62031 / IEC 60598-1 / EN 55015 / IEC 61000-3-3
<b>Type of protection</b>	IP20
<b>Energy efficiency class</b>	F

## Logistical data

<b>Commodity code</b>	85395100000
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## Environmental information

<b>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)</b>	
<b>Date of Declaration</b>	13-01-2026
<b>Primary Article Identifier</b>	6937186152138
<b>Declaration No. in SCIP database</b>	In work
<b>SCIP_ID</b>	

## 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
6937186152138 INVENTRONICS	PL-CN111-COB- 3300- TW-90-40D-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