

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

PL-CORE-MINI 2000-840-M

PrevaLED CORE MINI | Spot-, Down- and Wallmount Light Engines and Modules



Product family features

- High quality of light; CRI min R_a : 80 and 90 (complying with IES TM30-15 standard)
- Maximal current output is double the nominal current for higher luminous flux
- Module efficacy: up to 160 lm/W

Product family benefits

- Separable COB (chip-on-board LED) and holder to improve assembly flexibility
- LES (Light-Emitting-Surface) 14,5 mm/9,8 mm with wide luminous flux range to simplify optics solution
- Industrial standard package size to shorten design lead-time



non EU



Specifications are subject to changes without notice.

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Areas of application

- Hospitality
- Shops
- Museums, galleries
- Restaurants
- Retail outlets

Technical data

Electrical data

Type of current	DC
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Photometrical data

Luminous efficacy	158 lm/W
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Dimensions & weight

Product weight	8.30 g
Length	0.0 mm

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	85 °C
Maximum temperature at tc test point	115 °C
Temperature range at storage	-40...120 °C
Ambient temperature range	-40...+105 °C

Lifespan

Lifespan	50000 h
Rated lamp life time	0 h

Certificates & standards

Standards	IEC 62471 / IEC 62031 / IEC 60598
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Logistical data

Commodity code	888888888888
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	26-09-2024
Primary Article Identifier	4052899547803
Declaration No. in SCIP database	In work
SCIP_STATUS	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	▶ LM80 Report -Core pro and Core Mini series 1620mA
Certificates	PDF	▶ LM80 report- Core Pro and Core Mini series 2160mA
Declarations of conformity	PDF	▶ Declarations of conformity

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899547803 OSRAM	PL-CORE-MINI 2000- 840-M	Shipping carton box 100 Pieces	214 x 214 x 96	4.40 dm ³	26.08 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

Disclaimer

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