PRODUCT DATASHEET

LED PIN Micro 20 260° DIM P 2W 827 Clear G4

LED PIN MICRO 12V P | Small sized low-voltage 12 V LED lamps with retrofit pin base



PERFOR-MANCE CLASS

Areas of application

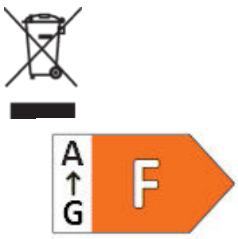
- Decorative applications
- Atmospheric accent lighting throughout the home
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Extremely small dimensions
- Variable use at Direct Current and Alternating Current
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Long lifetime of up to 15,000 h
- Four year guarantee
- Lower energy consumption than incandescent or halogen lamps

Product features

- Compatible with many common conventional and electronic control gears (see also compatibility list)
- LED alternative to low voltage halogen lamps
- Base: G4



TECHNICAL DATA

Electrical data

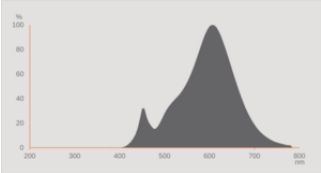
Nominal wattage	2 W
Construction wattage	2.00 W
Nominal voltage	12 V
Operating mode	12V AC/DC [1)]
Claimed equiv. conventional lamp power	20 W
Nominal current	287 mA
Type of current	AC/DC
Inrush current	1.76 A
Max. lamp number on MCB B10 A	233
Max. lamp number on MCB B16 A	372
Total harmonic distortion	92.56 %
Power factor λ	> 0.50

1) Check ECG compatibility at ledvance.com/compatibility

Photometrical data

Luminous flux	200 lm
Luminous efficacy	100 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

© 2026, LEDVANCE GmbH. All rights reserved.



EPREL data spectral diagram PROF LEDr 2700K

Light technical data

Beam angle	260 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	40.00 mm
Diameter	14.00 mm
Maximum diameter	14 mm
Product weight	4.5 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	78 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

Additional product data

Base (standard designation)	G4
Mercury content	0.0 mg

© 2026, LEDVANCE GmbH. All rights reserved.

Mercury-free	Yes
Design / version	Clear
Product remark	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

Capabilities

Dimmable	Yes [1)]

1) Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy efficiency class	F [1)]
Energy consumption	2.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
Photobiological safety group acc. to EN62778	RG1

1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Country-specific categorizations

Order reference	LED PINMIC20 DI

LOGISTICAL DATA

Temperature range at storage	-20…+80 °C

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	G4
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W

© 2026, LEDVANCE GmbH. All rights reserved.

Claim of equivalent power	Yes
Length	40.00 mm
Height	14.00 mm
Width	14.00 mm
Chromaticity coordinate x	0.4580
Chromaticity coordinate y	0.4154
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	>0.5
LED light source replaces a fluorescent light source	No
EPREL ID	2505628
Model number	AC92129

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.
- To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	LED PIN 12V G4
PDF	Declarations of conformity UKCA	LED PIN 12V G4

	Photometric and lighting design files	Document name
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854762291	Folding box 1	28 mm x 28 mm x 67 mm	9.50 g	0.05 dm^3
4099854762307	Shipping box 20	150 mm x 122 mm x 77 mm	226.00 g	1.41 dm^3
4099854762314	Shipping box 120	256 mm x 160 mm x 248 mm	1491.00 g	10.16 dm^3

© 2026, LEDVANCE GmbH. All rights reserved.

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.

References / Links

- For dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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

© 2026, LEDVANCE GmbH. All rights reserved.