

PRODUCT DATASHEET

LED Base PIN MICRO 10 320° 1W 827 Clear G4

LED BASE PIN G4 12 V | Special LED lamps



Areas of application

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Foyers, offices
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Ideal for decorative and free-burning applications

Product features

- LED alternative to conventional low voltage lamps
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Nominal wattage	1 W
Construction wattage	1.00 W
Nominal voltage	12 V
Operating mode	12V AC/DC ¹⁾
Claimed equiv. conventional lamp power	10 W
Nominal current	130 mA
Type of current	AC/DC
Inrush current	12.3 A
Max. lamp number on MCB B10 A	48
Max. lamp number on MCB B16 A	61
Total harmonic distortion	< 150 %
Power factor λ	> 0.50

¹⁾ Check ECG compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility)

Photometrical data

Luminous flux	100 lm
Nominal useful luminous flux 90°	100 lm
Luminous efficacy	100 lm/W
Lumen main.fact.at end of nom.life time	0.90
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcM
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

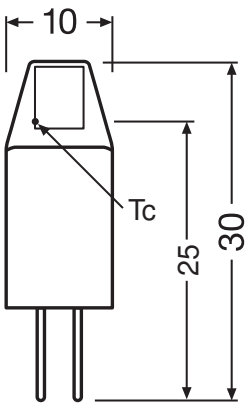


349927_2700K_Evl_5630.eps

Light technical data

Beam angle	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	30.00 mm
Diameter	10.00 mm
Maximum diameter	10 mm
Product weight	1.9 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
---------------------------	--------------

Maximum temperature at tc test point	92 °C
--------------------------------------	-------

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.90
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	G4
Mercury content	0.0 mg
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	No
----------	----

Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	1.00 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	BASEPINMIC10 CL
-----------------	-----------------

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	0.00 W
Claim of equivalent power	Yes
Length	30.00 mm
Height	10.00 mm
Width	10.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
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	522870,2365059
Model number	AC32112,AC32112,AC84116

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	LED PIN 20 NON-DIM 12V
Photometric and lighting design files		Document name
	Spectral power distribution	349927_2700K_Evl_5630.eps

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854340284	Folding box 5	20 mm x 49 mm x 95 mm	18.00 g	0.09 dm ³
4099854340291	Shipping box 50	119 mm x 109 mm x 104 mm	210.00 g	1.35 dm ³
4099854340307	Shipping box 400	256 mm x 236 mm x 237 mm	2068.00 g	14.32 dm ³

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.