

# PRODUCT DATASHEET LED Base PIN 20 320° 1.8W 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

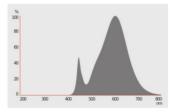
## Electrical data

Nominal wattage	1.8 W
Construction wattage	1.80 W
Nominal voltage	12 V
Operating mode	12V AC/DC <sup>1)</sup>
Claimed equiv. conventional lamp power	20 W
Nominal current	250 mA
Type of current	AC/DC
Inrush current	4.78 A
Max. lamp number on MCB B10 A	6
Max. lamp number on MCB B16 A	10
Total harmonic distortion	93 %
Power factor λ	> 0.50

<sup>1)</sup> Check ECG compatibility at ledvance.com/compatibility

## Photometrical data

Luminous flux	200 lm
Luminous efficacy	111 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



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	36.00 mm
Diameter	13.00 mm
Maximum diameter	13 mm
Product weight	3.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	85.5 °C

# Lifespan

Lifespan L70/B50 at 25 °C	10000 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
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	2.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
Photobiological safety group acc. to EN62778	RG1
Order reference	LEDBASEPIN20 CL
ILCOS Order reference	DRT/C-1,8/827-220-240-G4-14/36  LEDBASEPIN20 CL
OGISTICAL 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
	No No
Color-tuneable light source  Envelope  High luminance light source	
Envelope	No
Envelope High luminance light source	No No
Envelope  High luminance light source  Anti-glare shield	No No

Yes

36.00 mm

Claim of equivalent power

Length

Height	13.00 mm
Width	13.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
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	1403248,522871,2365077
Model number	AC32123,AC24747,AC32123,AC84118

# 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	
PDF	Declarations of conformity	LED PIN 20 NON-DIM 12V	
POF	Declarations of conformity	LED lamp	
POF	Declarations of conformity UKCA	LED lamp	
	Photometric and lighting design files	Document name	
	Spectral power distribution	349927_2700K_EvI_5630.eps	

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075450011	Folding box 3	20 mm x 49 mm x 95 mm	16.00 g	0.09 dm <sup>3</sup>
4058075450028	Shipping box 30	119 mm x 109 mm x 104 mm	180.00 g	1.35 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075450035	Shipping box 240	256 mm x 236 mm x 237 mm	1948.00 g	14.32 dm <sup>3</sup>

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.