

# PRODUCT DATASHEET LED Base PIN 10 320° 0.9W 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





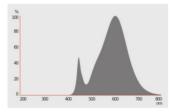
## TECHNICAL DATA

## Electrical data

Nominal wattage	0.9 W
Construction wattage	0.90 W
Nominal voltage	12 V
Operating mode	12V AC/DC
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 $\lambda$	> 0.50

## Photometrical data

Luminous flux	100 lm
Nominal useful luminous flux 90°	100 lm
Luminous efficacy	111 lm/W
Lumen main.fact.at end of nom.life time	0.70
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



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# Light technical data

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

# Dimensions & Weight

Overall length	33.00 mm
Diameter	12 mm
Maximum diameter	12 mm
Product weight	2.6 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	85 °C

# Lifespan

Lifespan L70/B50 at 25 °C	10000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
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	
Photobiological safety group acc. to EN62778 RG1		
Order reference	DR1/C-0,9/827-220-240-G4-12/33  LEDBASEPIN10 CL	
ILCOS Order reference	DRT/C-0,9/827-220-240-G4-12/33 LEDBASEPIN10 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	
Envelope	No	
High luminance light source	No	
Anti-glare shield	No	
Correlated colour temperature type	SINGLE_VALUE	
	o w	
Standby power	0 W	

0 W

Yes

Networked standby power for CLS

Claim of equivalent power

Length	33.00 mm
Height	12 mm
Width	12 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	1403247,522866,2365067
Model number AC32120,AC24746,AC32120,AC84117	

## 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	
	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
4058075449985	Folding box 3	20 mm x 49 mm x 95 mm	14.80 g	0.09 dm <sup>3</sup>
4058075449992	Shipping box 30	119 mm x 109 mm x 104 mm	161.00 g	1.35 dm <sup>3</sup>
4058075450004	Shipping box 240	256 mm x 236 mm x 237 mm	1852.00 g	14.32 dm³

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

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