

# PRODUCT DATASHEET LED PIN 5 320° 0.6W 827 Clear G4

LED PIN 12 V | Low-voltage 12 V LED lamps with retrofit pin base



#### Areas of application

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

## Product benefits

- 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
- Three 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, GY6.35



# TECHNICAL DATA

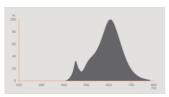
# Electrical data

Nominal wattage	0.6 W
Construction wattage	0.60 W
Nominal voltage	12 V
Operating mode	12V AC/DC <sup>1)</sup>
Claimed equiv. conventional lamp power	5 W
Nominal current	80 mA
Type of current	AC/DC
Inrush current	3.18 A
Max. lamp number on MCB B10 A	15
Max. lamp number on MCB B16 A	25
Total harmonic distortion	95 %
Power factor $\lambda$	> 0.50

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

# Photometrical data

Luminous flux	55 lm
Luminous efficacy	91 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

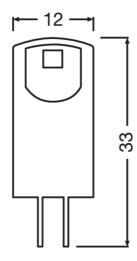


EPREL data spectral diagram PROF LEDr 2700K

# 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	12.00 mm
Maximum diameter	12 mm
Product weight	2.5 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	74.5 °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
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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		
Type of protection	IP20	
Standards	CE / EAC / UKCA	
Photobiological safety group acc. to EN62778	RG1	
Country-specific categorizations		
Order reference	LEDPIN5 CL 0,6W	
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	
Standby power	0 W	
Claim of equivalent power	Yes	
Olaim of equivalent pervei		
Length	33.00 mm	
	33.00 mm 12.00 mm	
Length		

Chromaticity coordinate y	0.4101
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	>0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1373509
Model number	AC45878,AC45878

# 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 PIN5 G4
PDF	Declarations of conformity	LED lamp
PDF	Declarations of conformity UKCA	LED PIN5 G4
PDF	Declarations of conformity UKCA	LED lamp
	Photometric and lighting design files	Document name

EPREL data spectral diagram PROF LEDr 2700K

## LOGISTICAL DATA

Spectral power distribution

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854061974	Folding box 1	20 mm x 49 mm x 95 mm	9.50 g	0.09 dm <sup>3</sup>
4099854061981	Shipping box	109 mm x 79 mm x 104 mm	89.00 g	0.90 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854061998	Shipping box 48	236 mm x 176 mm x 237 mm	1034.00 g	9.84 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 Guarantee see www.osram-lamps.com/guarantee
- For further products and actual information concerning LED lamps see www.osram-lamps.com/led-lamps

### **DISCLAIMER**

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