

## PRODUCT DATASHEET

### P DIM PIN 20 320 ° 2 W/2700 K G4

PARATHOM® DIM LED PIN G4 12 V | Dimmable low-voltage 12 V LED lamps with retrofit pin base G4



#### Areas of application

- Decorative applications
- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Outdoor applications only in suitable luminaires

#### Product benefits

- Very long lifetime of up to 25,000 h
- Very low energy consumption
- Easy replacement of halogen lamps thanks to compact design
- Ideal for decorative and free-burning applications
- Lower thermal output (compared with the standard reference product)
- Five year guarantee

#### Product features

- LED alternative to low voltage halogen lamps
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity



## TECHNICAL DATA

### Electrical data

Nominal wattage	2 W
Construction wattage	2.00 W
Nominal voltage	12 V
Operating mode	12V AC/DC
Claimed equiv. conventional lamp power	20 W
Nominal current	180 mA
Type of current	AC/DC
Inrush current	3.95 A
Max. lamp number on MCB B10 A	40
Max. lamp number on MCB B16 A	46
Total harmonic distortion	37.9 %
Power factor $\lambda$	> 0.90

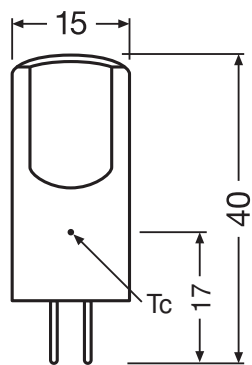
### Photometrical data

Luminous flux	200 lm
Nominal useful luminous flux 90°	200 lm
Luminous efficacy	100 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 sdcn
Rated LLMF at 6,000 h	0.80

### Light technical data

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

### Dimensions & Weight



Overall length	40.00 mm
Diameter	15,0 mm
Maximum diameter	15 mm
Product weight	5.5 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	90 °C

Lifespan

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

Capabilities

Dimmable	Yes
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Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	3.00 kWh/1000h

Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

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

### Country-specific categorizations

Order reference	LEDPPIN20D CL 2
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### Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G4
Correlated colour temperature type	SINGLE_VALUE
Length	40.00 mm
Height	15,0 mm
Width	15,0 mm
Displacement factor	0.5
EPREL ID	1402999
Model number	AC17652

### Safety advice

– 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
 Declarations of conformity	EC Declaration of Conformity LED G4 Lamp

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075271746	Folding box 1	28 mm x 28 mm x 67 mm	10.50 g	0.05 dm <sup>3</sup>
4058075271753	Shipping box 20	150 mm x 122 mm x 77 mm	207.00 g	1.41 dm <sup>3</sup>
4058075271760	Shipping box 120	256 mm x 160 mm x 248 mm	1377.00 g	10.16 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.

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### References / Links

- For further products and actual information concerning LED lamps see [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)
  - For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)
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