

# PRODUCT DATASHEET

## P PIN 28 320 ° 2.6 W/2700 K GY6.35

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



### Areas of application

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

### 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
- Four year guarantee

### 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



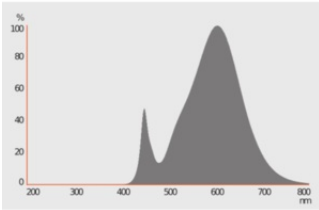
## TECHNICAL DATA

### Electrical data

Nominal wattage	2.6 W
Construction wattage	2.60 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	28 W
Nominal current	350 mA
Type of current	AC/DC
Inrush current	20.3 A
Max. lamp no. on circuit break. 10 A (B)	29
Max. lamp no. on circuit break. 16 A (B)	37
Total harmonic distortion	< 120 %
Power factor $\lambda$	> 0.50

### Photometrical data

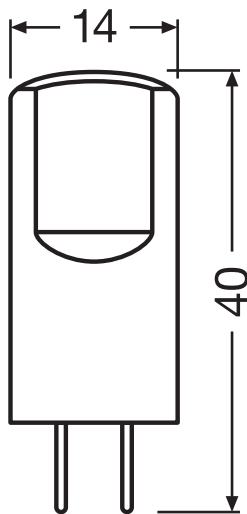
Luminous flux	300 lm
Nominal useful luminous flux 90°	300 lm
Luminous efficacy	115 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



**Light technical data**

Beam angle	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	320.00 °

**Dimensions & Weight**



Overall length	40.00 mm
Diameter	14.00 mm
Maximum diameter	14 mm
Product weight	4.4 g

**Temperatures & operating conditions**

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	78 °C

**Lifespan**

Nominal lamp life time	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

**Additional product data**

Base (standard designation)	GY6.35
Mercury content	0.0 mg
Design / version	Clear

**Capabilities**

Dimmable	No
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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 G (lowest efficiency)

**Country-specific categorizations**

Order reference	LEDPPIN30 CL 2,
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**LOGISTICAL DATA**

Temperature range at storage	-20...+80 °C
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**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)	GY6.35

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
Claim of equivalent power	Yes
Length	40.00 mm
Height	14.00 mm
Width	14.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
Beam angle	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	not applicable
EPREL ID	522867
Model number	AC32108

### Safety advice

- To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075622418	Folding box 1	28 mm x 28 mm x 67 mm	9.00 g	0.05 dm <sup>3</sup>
4058075622425	Shipping box 20	150 mm x 122 mm x 77 mm	224.00 g	1.41 dm <sup>3</sup>
4058075622432	Shipping box 120	256 mm x 160 mm x 248 mm	1479.00 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.

### 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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