

PRODUCT DATASHEET

P PIN 20 1.8 W/2700K G4

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

Rated wattage	1.80 W
Nominal wattage	1.80 W
Nominal voltage	12 V
Max. lamp no. on circuit break. 10 A (B)	33
Max. lamp no. on circuit break. 16 A (B)	42
Power factor λ	0.50
Claimed equiv. conventional lamp power	20 W

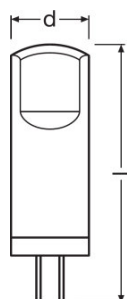
Photometrical data

Nominal luminous flux	200 lm
Rated luminous flux	200 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	200 lm
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤ 6 sdcn
Rated color temperature	2700 K
Color rendering index Ra	≥ 80

Light technical data

Warm-up time (60 %)	< 0.50 s
Beam angle	300.00 °
Starting time	< 0.5 s

Dimensions & weight



Overall length	36.0 mm
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Diameter	13.0 mm
Outer bulb	T14
Length	36.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	80 °C

Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service life	0.70

Additional product data

Base (standard designation)	G4
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	clear
Show WEEE picto	Yes

Capabilities

Dimmable	No
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Certificates & standards

Energy efficiency class	A++
Energy consumption	2 kWh/1000h

Country-specific categorizations

ILCOS	DRT/C-1,8/827-220-240-G4-14/36
Order reference	LEDPPIN20 CL 1,

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
4058075811430	Folding carton box 1	28 mm x 28 mm x 67 mm	8.00 g	0.05 dm ³

4058075811447	Shipping carton box 20	150 mm x 122 mm x 77 mm	173.00 g	1.41 dm ³
4058075042445	Shipping carton box 120	256 mm x 160 mm x 248 mm	1311.00 g	10.16 dm ³

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

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.