

PRODUCT DATASHEET

ST PIN 20 1.8 W/2700 K G4 CL

BELLALUX® LED PIN G4 | Low-voltage 12V LED lamps with retrofit pin base G4



Areas of application

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

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	1.8 W
Construction wattage	1.80 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	20 W
Nominal current	230 mA
Type of current	AC/DC
Power factor λ	0.50

Photometrical data

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

Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	36.00 mm
Diameter	13,0 mm
Maximum diameter	13 mm
Product weight	3.6 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	88 °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	No
----------	----

Certificates & Standards

Energy efficiency class	A++ ¹⁾
Energy consumption	2.00 kWh/1000h
Type of protection	IP20
Standards	CE / CB / EAC
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

ILCOS	DRT/C-1,8/827-220-240-G4-14/36
Order reference	LEDPIN20 CL 1,8


Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G4
Length	36.00 mm
Height	13,0 mm
Width	13,0 mm

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
 Declarations of conformity	EC declaration G4 10, G4 20, G4 30, GY6.35 30

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075303751	Blister 1	37 mm x 140 mm x 120 mm	15.60 g	0.62 dm ³
4058075303768	Shipping box 9	345 mm x 153 mm x 132 mm	322.00 g	6.97 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.

DISCLAIMER

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