

PRODUCT DATASHEET BASE PIN 20 1.8 W/2700 K G4 CL

LED BASE PIN G4 12 V | Special LED lamps



Areas of application

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

Product benefits

- Low energy consumption
- Ideal for decorative and free-burning applications

Product features

- LED alternative to conventional low voltage lamps
- Mercury-free lamps





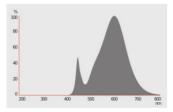
TECHNICAL DATA

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
Inrush current	17.7 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	33
Max. lamp no. on circuit break. 16 A (B)	42
Total harmonic distortion	< 120 %
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 sdcm
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	36.00 mm
Diameter	14,0 mm
Maximum diameter	13 mm
Product weight	3.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	77 °C

Lifespan

Lifespan	10000 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)	G4
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear

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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	
Energy efficiency class	F 1)
Energy consumption	2.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1
Order reference	DRT/C-1,8/827-220-240-G4-14/36
Country-specific categorizations ILCOS	DRT/C-1,8/827-220-240-G4-14/36
Order reference	LEDBASEPIN20 CL
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
Correlated colour temperature type	CIVICIE VALUE
Correlated Cotour temperature type	SINGLE_VALUE
Standby power	0.00

0 W

Yes

Networked standby power for CLS

Claim of equivalent power

Length	36.00 mm
Height	14,0 mm
Width	14,0 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1403248,522871
Model number	AC32123,AC24747

DOWNLOAD DATA

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Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075450011	Folding box 3	20 mm x 49 mm x 95 mm	16.00 g	0.09 dm³
4058075450028	Shipping box 30	119 mm x 109 mm x 104 mm	195.00 g	1.35 dm³
4058075450035	Shipping box 240	256 mm x 236 mm x 237 mm	1948.00 g	14.32 dm³

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 dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

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