PRODUCT DATASHEET
LED PIN 40 320° DIM 3.8W 827 Clear GY6.35

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



Areas of application

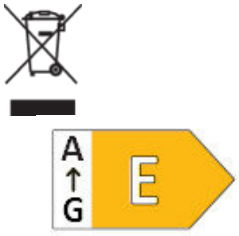
- Decorative applications
- Atmospheric accent lighting throughout the home
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Variable use at Direct Current and Alternating Current
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Four year guarantee
- Lower energy consumption than incandescent or halogen lamps

Product features

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- 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

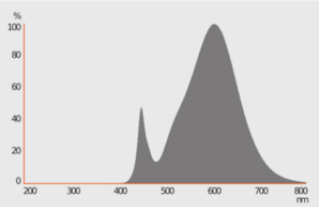
Nominal wattage	3.8 W
Construction wattage	3.80 W
Nominal voltage	12 V
Operating mode	12V AC/DC [1)]
Claimed equiv. conventional lamp power	40 W
Nominal current	330 mA
Type of current	AC/DC
Inrush current	2.44 A
Max. lamp number on MCB B10 A	24
Max. lamp number on MCB B16 A	38
Maximum total harmonic distortion	39 %
Power factor λ	> 0.90

1) Check ECG compatibility at ledvance.com/compatibility

Photometrical data

Luminous flux	470 lm
Luminous efficacy	123 lm/W
Lumen main.fact.at end of nom.life time	0.95
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

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349927_2700K_Evl_5630.eps

Light technical data

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

Dimensions & Weight



Overall length	46.00 mm
Diameter	17.00 mm
Maximum diameter	17 mm
Product weight	10.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	80.2 °C

Lifespan

Lifespan L70/B50 at 25 °C	20000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.95

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Additional product data

Base (standard designation)	GY6.35
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
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	Yes [1)]

1) Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy efficiency class	E [1)]
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / 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	LEDPIN40D CL 3,

LOGISTICAL 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)	GY6.35
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No

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Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Claim of equivalent power	Yes
Length	46.00 mm
Height	17.00 mm
Width	17.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	>0.9
LED light source replaces a fluorescent light source	No
EPREL ID	522873,1856540,2365080
Model number	AC32115,AC58969,AC58969,AC84146

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.
- 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
PDF	Declarations of conformity	LED PIN 20 NON-DIM 12V
PDF	Declarations of conformity	LED PIN G4 GY6.35
PDF	Declarations of conformity	LED lamp
PDF	Declarations of conformity UKCA	LED PIN G4 GY6.35
PDF	Declarations of conformity UKCA	LED lamp

	Photometric and lighting design files	Document name
	Spectral power distribution	349927_2700K_Evl_5630.eps

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075607255	Folding box 1	20 mm x 49 mm x 95 mm	17.00 g	0.09 dm^3
4058075607262	Shipping box 6	109 mm x 79 mm x 104 mm	134.00 g	0.90 dm^3
4058075607279	Shipping box 48	236 mm x 176 mm x 237 mm	1394.00 g	9.84 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 dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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