

# PRODUCT DATASHEET LED PIN 60 320° P 4.9W 840 Clear G9

LED PIN G9 P | LED lamps with retrofit pin base G9



#### Areas of application

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

#### Product benefits

- Good all-around light emission
- Long lifetime of up to 15,000 h
- Four year guarantee
- Lower energy consumption than incandescent or halogen lamps

#### **Product features**

- LED alternative to conventional high voltage lamps





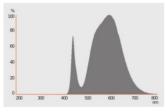
# TECHNICAL DATA

# Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	40 mA
Type of current	AC
Inrush current	7.1 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	84
Max. lamp number on MCB B16 A	105
Total harmonic distortion	133 %
Power factor $\lambda$	> 0.40

# Photometrical data

Luminous flux	806 lm
Luminous efficacy	164 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

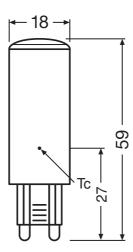


349924\_4000K\_Se\_5630.eps

# Light technical data

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

# Dimensions & Weight



Overall length	59.00 mm
Diameter	18.00 mm
Maximum diameter	18 mm
Product weight	11.00 g

# Temperatures & operating conditions

Maximum temperature at tc test point  Lifespan  Lifespan L70/B50 at 25 °C  Number of switching cycles	-20+40 °C 94.7 °C  15000 h 100000 0.93
Lifespan  Lifespan L70/B50 at 25 °C  Number of switching cycles  Lumen maintenance at end of service lifetime	15000 h 100000
Lifespan L70/B50 at 25 °C  Number of switching cycles  Lumen maintenance at end of service lifetime	100000
Number of switching cycles  Lumen maintenance at end of service lifetime	100000
Lumen maintenance at end of service lifetime	
	0.93
Additional product data	
radiiona product data	
Base (standard designation)	G9
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
Product remark 1	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	C 1)
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
Photobiological safety group acc. to EN62778	RG1
Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)     Country-specific categorizations	
Order reference	LED PIN60 4.9W
LOGISTICAL DATA	
Temperature range at storage	-20+80 °C
Energy labelling regulation data acc EU 2019/2015	
Lighting technology used	LED

NDLS

Non-directional or directional

Mains or non-mains	MLS
Light source cap-type (or other electric interface)	G9
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 W
Claim of equivalent power	Yes
Length	59.00 mm
Height	18.00 mm
Width	18.00 mm
Chromaticity coordinate x	0.3818
Chromaticity coordinate y	0.3797
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	2005324,2365052
Model number	AC64392,AC64392,AC84154

# 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 60
PDF	Declarations of conformity	LED lamp

	Documents and certificates	Document name	
PDF	Declarations of conformity UKCA	LED PIN60	
PDF	Declarations of conformity UKCA	LED lamp	
	Photometric and lighting design files	Document name	
	Spectral power distribution	349924_4000K_Se_5630.eps	

# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075840584	Folding box 1	28 mm x 28 mm x 67 mm	16.00 g	0.05 dm <sup>3</sup>
4058075840591	Shipping box 20	150 mm x 122 mm x 77 mm	356.00 g	1.41 dm <sup>3</sup>
4099854329036	Shipping box 120	256 mm x 160 mm x 248 mm	2271.00 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 dimming conformity see www.ledvance.com/dim
- 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.