

PRODUCT DATASHEET

P CLAS A 100 13 W/2700 K E27

Vintage 1906® LED | LED lamps, vintage edition



Areas of application

- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product benefits

- Low energy consumption
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

Product features

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity



TECHNICAL DATA

Electrical data

Nominal wattage	13 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	108 mA
Type of current	AC
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor λ	> 0,50

Photometrical data

Luminous flux	1521 lm
Nominal useful luminous flux 90°	1521 lm
Luminous efficacy	117 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

Light technical data

Beam angle	180 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	180.00 °

Dimensions & weight

Overall length	115.00 mm
Length	115.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	66.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

Nominal lamp life time	15000 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)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted
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
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Certificates & standards


Energy efficiency class	A+ ¹⁾
Energy consumption	13.00 kWh/1000h
Type of protection	IP20
Standards	CE

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

Country-specific categorizations

ILCOS	DRAA/F-14/840-220-240-E27-60
Order reference	LEDPCA100 13W/

DOWNLOAD DATA

DOWNLOAD DATA	
	IES file (IES) AC08356_CLA100 13W 230VFR E27

DOWNLOAD DATA



LDT file (Eulumdat)
AC08356_CLA100 13W 230VFR E27

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075041066	Folding box 1	61 mm x 61 mm x 120 mm	82.00 g	0.45 dm ³
4058075041073	Shipping box 10	315 mm x 131 mm x 134 mm	920.00 g	5.53 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.