PRODUCT DATASHEET
LED Classic A 75 P 10W 840 Frosted E27

LED CLASSIC A P | LED lamps, classic bulb shape



PERFOR-
MANCE
CLASS

Areas of application

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

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: ≥ 80; constant chromaticity





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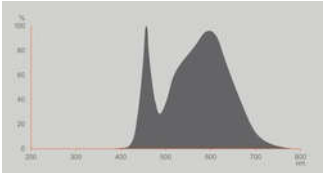
TECHNICAL DATA

Electrical data

Nominal wattage	10 W
Construction wattage	10.00 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	75 W
Nominal current	68 mA
Type of current	AC
Inrush current	8.8 A
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Max. lamp no. on circuit break. 10 A (B)	75
Max. lamp no. on circuit break. 16 A (B)	85

Photometrical data

Luminous flux	1055 lm
Nominal useful luminous flux 90°	1055 lm
Luminous efficacy	105 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
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



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Light technical data

Beam angle	200 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	113.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	23.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	89.9 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93
Rated lamp survival factor at 6,000 h	≥ 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

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Dimmable	No

Certificates & Standards

Energy efficiency class	F [1)]
Energy consumption	10.00 kWh/1000h
Type of protection	IP20
Standards	CE / LVD / EMC / SLR / ROHS / REACH
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	LED CLA75 10W 8

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	MLS
Light source cap-type (or other electric interface)	E27
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	0.00 W
Networked standby power for CLS	0.00 W
Claim of equivalent power	Yes
Length	113.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.3818
Chromaticity coordinate y	0.3797
R9 Colour rendering index	>0

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Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	> 0.7
LED light source replaces a fluorescent light source	No
EPREL ID	1351505,1855195
Model number	AC45003,AC56439

DOWNLOAD DATA

	Documents and certificates
PDF	Declarations Of Conformity CE

	Photometric and lighting design files
	Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854048869	Folding box 1	62 mm x 62 mm x 122 mm	33.00 g	0.47 dm^3
4099854048876	Shipping box 10	319 mm x 133 mm x 138 mm	472.00 g	5.85 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

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