

PRODUCT DATASHEET LED Classic A 75 DIM P 10.5W 827 Frosted E27

PARATHOM® CLASSIC A DIM | Dimmable LED lamps, classic bulb shape



Areas of application

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

Product benefits

- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design

Product features

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Long lifetime up to 25,000 h
- Good quality of light; color rendering index Ra: ≥ 80; constant chromaticity





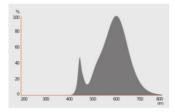
TECHNICAL DATA

Electrical data

Nominal wattage	10.5 W
Construction wattage	10.50 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	75 W
Nominal current	55 mA
Type of current	AC
Inrush current	0.3 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	93
Max. lamp number on MCB B16 A	150
Total harmonic distortion	120 %
Power factor λ	> 0.70

Photometrical data

Luminous intensity	- cd
Luminous flux	1055 lm
Nominal useful luminous flux 90°	1055 lm
Luminous efficacy	100 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



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Light technical data

Beam angle	220 °
Warm-up time (60 %)	< 1.00 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	105.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	30.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	105 °C

Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
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	Dimmable (with many common dimmers, see also www.ledvance.com/dim)	
Capabilities		
Dimmable	Yes	
Certificates & Standards		
Energy efficiency class	F 1)	
Energy consumption	11.00 kWh/1000h	
Type of protection	IP20	
Standards	CE / ROHS / REACH / ERP	
Photobiological safety group acc. to EN62778	RG0	
1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (kiccountry-specific categorizations	owest efficiency)	
ILCOS	DRAA/F-10,5/827-220-240-E27-60	
Order reference	LEDPCLA75D 10,5	
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	
Claim of equivalent power	Yes	
Length	105.00 mm	
Height	60.00 mm	
	00.00	

60.00 mm

Width

Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.70
LED light source replaces a fluorescent light source	No
EPREL ID	523284
Model number	AC31126

DOWNLOAD DATA

	Documents and certificates	Document name	
POF	Declarations of conformity	LED Classic A	
	Photometric and lighting design files	Document name	
	Photometric and lighting design lifes	Document name	

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075594203	Folding box	60 mm x 60 mm x 111 mm	44.00 g	0.40 dm ³
4058075594210	Shipping box 10	325 mm x 136 mm x 126 mm	533.00 g	5.57 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

Spectral power distribution

- 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.