

# 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





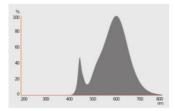
# TECHNICAL DATA

# 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 $\lambda$	> 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

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
Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lo     Country-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	LED NDLS
Non-directional or directional  Mains or non-mains	
	NDLS
Mains or non-mains	NDLS MLS
Mains or non-mains  Light source cap-type (or other electric interface)	NDLS MLS E27
Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)	NDLS MLS E27 No
Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source	NDLS MLS E27 No No
Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source  Envelope	NDLS MLS E27 No No No
Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source  Envelope  High luminance light source	NDLS MLS E27 No No No No
Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source  Envelope  High luminance light source  Anti-glare shield	NDLS MLS E27 No No No No No No
Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source  Envelope  High luminance light source  Anti-glare shield  Correlated colour temperature type	NDLS MLS E27 No No No No No SINGLE_VALUE
Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source  Envelope  High luminance light source  Anti-glare shield  Correlated colour temperature type  Standby power	NDLS  MLS  E27  No  No  No  No  SINGLE_VALUE  0.00 W

60.00 mm

Width

0.458
0.410
1
SPHERE_360
0.90
0.70
No
523284
AC31126

#### DOWNLOAD DATA

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

349927\_2700K\_Evl\_5630.eps

# 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 <sup>3</sup>
4058075594210	Shipping box 10	325 mm x 136 mm x 126 mm	533.00 g	5.57 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

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.