# PRODUCT DATASHEET LED Classic A 75 Filament P 7.5W 827 Clear E27

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



#### Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

#### **Product benefits**

- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Lower energy consumption than incandescent or halogen lamps
- Robust against vibrations
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

#### **Product features**

- Professional LED lamps for line voltage



 $-\,$  Beam angle: up to  $300^\circ$ 

- Dimmable

- Base: E27, B22d

Lifetime: up to 15,000 hLamp made of glass

– Good quality of light; color rendering index R  $_{\rm a}$ :  $\geq$  80; constant chromaticity

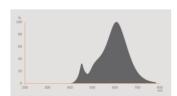
## TECHNICAL DATA

#### **Electrical data**

Nominal wattage	7.5 W
Construction wattage	7.50 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	75 W
Nominal current	38 mA
Type of current	AC
Inrush current	1.46 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	750
Max. lamp number on MCB B16 A	1200
Power factor $\lambda$	> 0.50

## Photometrical data

Luminous flux	1055 lm
Nominal useful luminous flux 90°	1055 lm
Luminous efficacy	140 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)	0.9



EPREL data spectral diagram PROF LEDr 2700K

# Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

# **Dimensions & Weight**

Overall length	105.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	31.00 g

# **Temperatures & operating conditions**

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	65 °C

## Lifespan

Lifespan L70/B50 at 25 °C	15000 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	Clear
Product remark	Dimmable (with many common dimmers, see also www.ledvance.com/dim)

# Capabilities

Dimmable	Yes

## **Certificates & Standards**

Energy efficiency class	D 1)
Energy consumption	8.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC

Photobiological safety group acc. to EN62778	RG0
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 $<sup>1) \ {\</sup>small Energy \ efficiency \ class \ (EEC) \ on \ a \ scale \ of \ A \ (highest \ efficiency) \ to \ G \ (lowest \ efficiency)}$ 

## **Country-specific categorizations**

Order reference	LEDPCLA75D 7,5W

# 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           Claim of equivalent power         Yes           Length         105:00 mm           Height         60:00 mm           Width         60:00 mm           Chromaticity coordinate x         0.463           Chromaticity coordinate y         0.420           R9 Colour rendering index         >0           Survival factor         0.90           Displacement factor         0.50           LED light source replaces a fluorescent light source         No           EPREL ID         KC32328		LED
Mains or non-mains  Light source cap-type (or other electric interface)  E27  Connected light source (CLS)  No  Color-tuneable light source  Envelope  No  High luminance light source  No  Anti-glare shield  No  Correlated colour temperature type  SINGLE_VALUE  Claim of equivalent power  Yes  Length  Height  60.00 mm  Width  60.00 mm  Chromaticity coordinate x  Chromaticity coordinate x  Chromaticity coordinate y  R9 Colour rendering index  Beam angle correspondence  SPHERE_360  Survival factor  0.50  LED light source replaces a fluorescent light source  FREL ID	Lighting technology used	LED
Light source cap-type (or other electric interface)  Connected light source (CLS)  No  Color-tuneable light source  No  Envelope  No  Anti-glare shield  No  Correlated colour temperature type  SINGLE_VALUE  Claim of equivalent power  Length  Height  60.00 mm  Width  Chromaticity coordinate x  Chromaticity coordinate y  R9 Colour rendering index  R9 Colour rendering index  Survival factor  Displacement factor  Displacement factor  EREL LD  EREL LD  So  No  No  No  No  Anti-glare shield  No  No  SUNGLE_VALUE  SINGLE_VALUE  SUNGLE_VALUE  SUNGLE_	Non-directional or directional	NDLS
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Envelope High luminance light source No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Claim of equivalent power Yes Length 105.00 mm Height 60.00 mm  Width 60.00 mm Chromaticity coordinate x 0.463 Chromaticity coordinate y R9 Colour rendering index P0 Colour rendering index P0 Colour rendering index P0 Survival factor Displacement factor LED light source replaces a fluorescent light source EPREL ID  No  No  No  No  No  SINGLE_VALUE S	Connected light source (CLS)	No
High luminance light source  Anti-glare shield  No  Correlated colour temperature type  SINGLE_VALUE  Claim of equivalent power  Yes  Length  105.00 mm  Height  60.00 mm  Width  60.00 mm  Chromaticity coordinate x  0.463  Chromaticity coordinate y  R9 Colour rendering index  Po  Beam angle correspondence  SPHERE_360  Survival factor  0.90  Displacement factor  LED light source replaces a fluorescent light source  EPREL ID  No	Color-tuneable light source	No
Anti-glare shield  Correlated colour temperature type  SINGLE_VALUE  Claim of equivalent power  Yes  Length  105.00 mm  Height  60.00 mm  Width  60.00 mm  Chromaticity coordinate x  0.463  Chromaticity coordinate y  89 Colour rendering index  Polumerature type  SPHERE_360  Survival factor  0.90  Displacement factor  LED light source replaces a fluorescent light source  EPREL ID  No	Envelope	No
Correlated colour temperature type Claim of equivalent power Yes  Length 105.00 mm  Height 60.00 mm  Width 60.00 mm  Chromaticity coordinate x 0.463  Chromaticity coordinate y 0.420  R9 Colour rendering index 90  Beam angle correspondence SPHERE_360  Survival factor 0.90  Displacement factor 10.50  LED light source replaces a fluorescent light source  EPREL ID  SINGLE_VALUE SINGLE_VALUE SINGLE_VALUE SINGLE_VALUE SINGLE_VALUE SINGLE_VALUE SINGLE_VALUE SINGLE_VALUE SPHERE_300 mm  0.463 0.420 0.420 0.420 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.	High luminance light source	No
Claim of equivalent powerYesLength105.00 mmHeight60.00 mmWidth60.00 mmChromaticity coordinate x0.463Chromaticity coordinate y0.420R9 Colour rendering index>0Beam angle correspondenceSPHERE_360Survival factor0.90Displacement factor0.50LED light source replaces a fluorescent light sourceNoEPREL ID523160	Anti-glare shield	No
Length 105.00 mm  Height 60.00 mm  Width 60.00 mm  Chromaticity coordinate x 0.463  Chromaticity coordinate y 0.420  R9 Colour rendering index >0  Beam angle correspondence SPHERE_360  Survival factor 0.90  Displacement factor 0.50  LED light source replaces a fluorescent light source No  EPREL ID 523160	Correlated colour temperature type	SINGLE_VALUE
Height 60.00 mm  Width 60.00 mm  Chromaticity coordinate x 0.463  Chromaticity coordinate y 0.420  R9 Colour rendering index >0  Beam angle correspondence SPHERE_360  Survival factor 0.90  Displacement factor 0.50  LED light source replaces a fluorescent light source No  EPREL ID 523160	Claim of equivalent power	Yes
Width 60.00 mm  Chromaticity coordinate x 0.463  Chromaticity coordinate y 0.420  R9 Colour rendering index >0  Beam angle correspondence SPHERE_360  Survival factor 0.90  Displacement factor 0.50  LED light source replaces a fluorescent light source PREL ID 523160	Length	105.00 mm
Chromaticity coordinate x  Chromaticity coordinate y  0.420  R9 Colour rendering index  >0  SPHERE_360  Survival factor  0.90  Displacement factor  0.50  LED light source replaces a fluorescent light source  EPREL ID  523160	Height	60.00 mm
Chromaticity coordinate y  R9 Colour rendering index  SPHERE_360  Survival factor  Displacement factor  LED light source replaces a fluorescent light source  EPREL ID  0.420  O.420  SPHERE_360  0.90  0.50  No  523160	Width	60.00 mm
R9 Colour rendering index >0  Beam angle correspondence SPHERE_360  Survival factor 0.90  Displacement factor 0.50  LED light source replaces a fluorescent light source No  EPREL ID 523160	Chromaticity coordinate x	0.463
Beam angle correspondence SPHERE_360  Survival factor 0.90  Displacement factor 0.50  LED light source replaces a fluorescent light source No  EPREL ID 523160	Chromaticity coordinate y	0.420
Survival factor 0.90  Displacement factor 0.50  LED light source replaces a fluorescent light source No  EPREL ID 523160	R9 Colour rendering index	>0
Displacement factor 0.50  LED light source replaces a fluorescent light source No  EPREL ID 523160	Beam angle correspondence	SPHERE_360
LED light source replaces a fluorescent light source  No  EPREL ID  523160	Survival factor	0.90
EPREL ID 523160	Displacement factor	0.50
	LED light source replaces a fluorescent light source	No
Model number AC32328	EPREL ID	523160
	Model number	AC32328

## Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

## DOWNLOAD DATA

	Documents and certificates	Document name	
POF	Declarations of conformity	LED lamps CLA,B,G,P	

Photometric and lighting design files	Document name
Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075591097	Folding box 1	60 mm x 60 mm x 111 mm	46.00 g	0.40 dm <sup>3</sup>
4058075591103	Shipping box 10	315 mm x 131 mm x 126 mm	554.00 g	5.20 dm³

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.

#### **DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.