

# PRODUCT DATASHEET LED VALUE CLASSIC A RECYCLED PLASTIC 75 10 W/2700 K E27

LED CLASSIC A PCR | LED lamps, classic A bulb with recycled plastic



## 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
- Lamps are made of minimum 30% recycled plastic (PCR) and require less CO2 in manufacturing

## **Product features**

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Good quality of light; color rendering index R<sub>a</sub>: ≥ 80; constant chromaticity





# **TECHNICAL DATA**

## Electrical data

Nominal wattage	10 W
Construction wattage	10.00 W
Nominal voltage	220240 V
Operating mode	AC
Claimed equiv. conventional lamp power	75 W
Nominal current	68 mA
Inrush current	0.068 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
Power factor $\lambda$	0.70

## Photometrical data

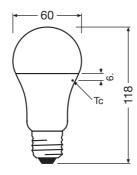
Luminous flux	1055 lm
Nominal useful luminous flux 90°	1055 lm
Luminous efficacy	105 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



# 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	26.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	89,8 °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
Design / version	Frosted

# **Capabilities**

Order reference  LVRPCLA75 10W/8  LOGISTICAL DATA  Temperature range at storage  -20+80 °C				
Energy efficiency class Energy consumption 10.00 kWh/1000h Standards CE / EAC / REACH / ROHS Photobiological safety group acc. to EN62778 R60  Country-specific categorizations Order reference LVRPCLA75 10W/8  LOGISTICAL DATA Temperature range at storage -70+80 °C  Energy tabelling regulation data acc EU 2019/2015  Lighting technology used LED Non-directional or directional NDLS Nains or non-mains MLS Light source cap-type (or other electric interface) E27 Connected light source (LS) No Cotor-tuneable light source No High luminance light source No Anti-glare shield No Correlated colour temperature type Standby power Length Height Height 60.00 mm Height Height 60.00 mm  Chromaticity coordinate x Survival factor Survival factor	Dimmable	No		
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Standards CE / EAC / REACH / RoHS Photobiological safety group acc. to EN62778 RGO  Country-specific categorizations Order reference LVRPCLA75 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 (CLS) No Firevelope No High luminance light source No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE  Standby power  Length High demical power Yes Length 115.00 mm  Width 6000 mm  Width 6000 mm  Chromaticity coordinate x 0.457  Chromaticity coordinate y 0.410  R9 Colour rendering index 80  Beam angle correspondence SPHERE_360  Survival factor 0.090	Energy efficiency class	F		
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Order reference  LOGISTICAL DATA  Temperature range at storage  -20+80 °C  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Envelope  Noneling technology used  No  Cornected light source  Envelope  No  Anti-glare shield  No  Correlated colour temperature type  Standby power  Claim of equivalent power  Length  Height  60.00 mm  Width  60.00 mm  Width  60.00 mm  Chromaticity coordinate x  Chromaticity coordinate y  R9 Colour rendering index  Beam angle correspondence  SPHERE_360  Survival factor  20+80 °C  LED  No  LED  ND  LED  NO  NO  SURJE  LED  NO  NO  SURJE  LED  NO  NO  SURJE  LED  NO  NO  CORDINATION  N	Photobiological safety group acc. to EN62778	RGO		
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Chromaticity coordinate x  Chromaticity coordinate y  0.410  R9 Colour rendering index  80  Beam angle correspondence  SPHERE_360  Survival factor  0.90	Height	60.00 mm		
Chromaticity coordinate y  R9 Colour rendering index  80  Beam angle correspondence  SPHERE_360  Survival factor  0.90	Width	60.00 mm		
R9 Colour rendering index  Beam angle correspondence  SPHERE_360  Survival factor  0.90	Chromaticity coordinate x	0.457		
Beam angle correspondence SPHERE_360 Survival factor 0.90	Chromaticity coordinate y	0.410		
Survival factor 0.90	R9 Colour rendering index	80		
	Beam angle correspondence	SPHERE_360		
Displacement factor 0.7	Survival factor	0.90		
	Displacement factor	0.7		

No

LED light source replaces a fluorescent light source

EPREL ID	1396272
Model number	AC46032

## **DOWNLOAD DATA**

## 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
4058075824812	Folding box 1	62 mm x 62 mm x 117 mm	42.00 g	0.45 dm <sup>3</sup>
4058075824829	Shipping box 10	319 mm x 133 mm x 133 mm	556.00 g	5.64 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.

## **DISCLAIMER**

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