

# PRODUCT DATASHEET

## LED VALUE CLASSIC P RECYCLED PLASTIC 40 4.9 W/4000 K E14

LED CLASSIC P PCR | LED lamps, classic P 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 CO<sub>2</sub> 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  $R_a \geq 80$ ; constant chromaticity



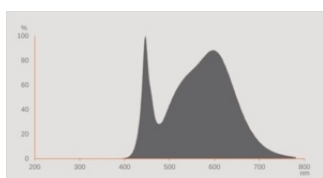
## TECHNICAL DATA

### Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220...240 V
Operating mode	AC
Claimed equiv. conventional lamp power	40 W
Nominal current	47 mA
Inrush current	0.047 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	45
Max. lamp no. on circuit break. 16 A (B)	70
Power factor $\lambda$	0.50

### Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	95 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
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	79.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	14.00 g

**Temperatures & operating conditions**

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	80,8 °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)	E14
Mercury content	0.0 mg
Design / version	Frosted

**Capabilities**

Dimmable	No
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**Certificates & Standards**

Energy efficiency class	F
Energy consumption	5.00 kWh/1000h
Standards	CE / EAC / REACH / RoHS
Photobiological safety group acc. to EN62778	RG0

**Country-specific categorizations**

Order reference	LVRPCLP40 4,9W/
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**LOGISTICAL DATA**

Temperature range at storage	-20...+80 °C
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**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)	E14
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	
Claim of equivalent power	Yes
Length	79.00 mm
Height	45.00 mm
Width	45.00 mm
Chromaticity coordinate x	0.381
Chromaticity coordinate y	0.379
R9 Colour rendering index	80
Beam angle correspondence	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	1396286
Model number	AC46050

**DOWNLOAD DATA**

<b>Photometric and lighting design files</b>
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Spectral power distribution

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075825178	Folding box 1	49 mm x 49 mm x 119 mm	25.00 g	0.29 dm <sup>3</sup>
4058075825185	Shipping box 10	253 mm x 106 mm x 131 mm	315.00 g	3.51 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.

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## DISCLAIMER

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