PRODUCT DATASHEET
LED VALUE CLASSIC B RECYCLED PLASTIC 40 4.9 W/4000 K E14

LED CLASSIC B PCR | LED lamps, classic B 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_2 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: ≥ 80; constant chromaticity

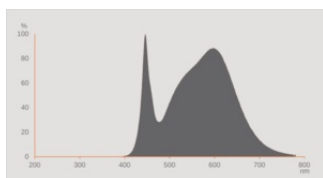A→G **F**

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)	75
Power factor λ	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	≤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	96.00 mm
Diameter	37.00 mm
Maximum diameter	37 mm
Product weight	14.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	79 °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

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	LVRPCLB40 4,9W/

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)	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	96.00 mm
Height	37.00 mm
Width	37.00 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	1396278
Model number	AC46042

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

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075825017	Folding box 1	44 mm x 44 mm x 120 mm	30.00 g	0.23 dm³
4058075825024	Shipping box 10	228 mm x 96 mm x 132 mm	358.00 g	2.89 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.