

PRODUCT DATASHEET LED Star Classic P 40 4.9W 865 Frosted E14

LED PCR LAMP WITH CLASSIC P | LED lamps with recycled plastic



Areas of application

- Domestic applications
- General illumination
- Atmospheric accent lighting throughout the home
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

Product features

- LED alternative to conventional lamps
- Mercury-free lamps





TECHNICAL DATA

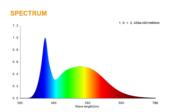
Electrical data

Nominal wattage [calc.]	4.9 W
Construction wattage [PICOS]	4.90 W
Nominal voltage [calc.]	220240 V
Operating mode [calc.]	AC Mains
Claimed equiv. conventional lamp [calc.]	40 W
Nominal current [calc.]	42 mA
Type of current [PIM]	AC
Inrush current	1.86 A
Operating frequency	5060 Hz
Mains frequency [calc.]	5060 Hz
Max. lamp no. on circuit break. 10 A (B)	79
Max. lamp no. on circuit break. 16 A (B)	98
Total harmonic distortion	143 %
Power factor ? [calc.]	0.53

Photometrical data

Luminous flux [calc.]	470 lm
Luminous efficacy [calc.]	95 lm/W
Lumen main.fact.at end of nom.li [PICOS]	0.93
Light color (designation) [PIM]	Cool Daylight
Color temperature [calc.]	6500 K
Color rendering index Ra [calc.]	80
Light color [calc.]	865
Standard deviation of color mat [calc.]	≤6 sdcm
Flickering value Pst LM	1.0
Stroboscope effect value SVM	0.4

E14



EPREL data spectral diagram PROF LEDr 6500K

Light technical data

Beam angle [calc.]	150°	
Warm-up time (60 %) [PICOS]	< 0.50 s	
Starting time [calc.]	< 0.5 s	

Dimensions & Weight

Construction length [PICOS]	79.00 mm
Diameter [calc.]	45.00 mm
Maximum diameter [PICOS]	79 mm
Product weight [AGGR]	19.00 g

Temperatures & operating conditions

Ambient temperature range [calc.]	-20+40 °C
Maximum temperature at tc test point	100 °C

Lifespan

E14

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles [calc.]	100000
Lumen maintenance at end of serv [PICOS]	0.93

Additional product data

Base (standard designation) [calc.]	E14		
Mercury content [PICOS]	0.0 mg		
Mercury-free	Yes		
Design / version	Frosted		
Product remark [PIM]	All technical parameters apply to the entire lamp / Due to the complete production process for light-emitting diodes, the typical values show for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value		
Capabilities			
Dimmable [calc.]	No		
Certificates & Standards			
Energy efficiency class [calc.]	F		
Energy consumption [PICOS]	5.00 kWh/1000h		
Type of protection [calc.]	IP20		
Standards [PIM]	CE / UKCA / EAC		
Photobio. safety group a EN62778 [calc.]	RG0		
Country-specific categorizations			
Order reference [calc.]	LEDSCLP40 4,9W/		
OGISTICAL DATA			
Temperature range at storage	-20+80 °C		
Energy labelling regulation data acc EU 2019/2015			
EPREL - Lighting technology used	LED		
EPREL - Non-directional or directional	NDLS		
EPREL - Mains or non-mains	MLS		
EPREL - Light source cap-type (or other electric interface)	E14		
EPREL - Connected light source (CLS)	No		
EPREL - Colour-tuneable light source	No		
EPREL - Envelope	No		
EPREL - High luminance light source	No		
EPREL - Anti-glare shield	No		
EPREL - Correlated colour temperature type	SINGLE_VALUE		
EPREL - Standby power	0.00 W		
EPREL - Claim of equivalent power	Yes		

Length [calc.]	79.00 mm
Height (incl. cylin. luminaires) [calc.]	45.00 mm
Width (incl. round luminaires) [Calc.]	45.00 mm
EPREL - X_Color coordinates chromaticity diagram	0.3123
EPREL - Y_Color coordinates chromaticity diagram	0.3283
EPREL - R9 Colour rendering index	1
EPREL - Beam angle correspondence	SPHERE_360
EPREL - Survival factor	0.90
EPREL - Displacement factor	0.93
EPREL - LED light source replaces a fluorescent light	No
Model number	AC31168,AC45022,AC24725,AC55998,AC69329,AC91943

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		
PDF	Declarations of conformity	Classic A_B_P 15000h FR		
PDF	Declarations of conformity	LED CLASSIC A_P NON-DIM		
PDF	Declarations of conformity UKCA	LED CLASSIC A_P NON-DIM		
	Photometric and lighting design files	Document name		
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 6500K		

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075431010	Folding box	46 mm x 49 mm x 119 mm	31.00 g	0.27 dm ³
4058075588660	Shipping box 6	159 mm x 111 mm x 95 mm	261.00 g	1.68 dm ³

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 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.