

PRODUCT DATASHEET

P CLAS B 40 FR 5.7 W/2700 K E14

Starters for single operation at 230 V AC (ST 111, ST 171, ST 173) | Starters for single operation at 230 V AC



Areas of application

- Domestic applications
- General illumination
- Chandeliers
- Outdoor use in outdoor luminaires only (minimum IP65)

Product benefits

- Low energy consumption
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

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



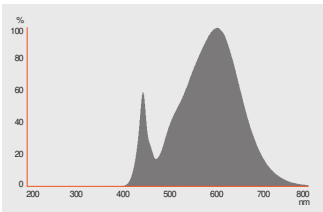
TECHNICAL DATA

Electrical data

Nominal wattage	5.7 W
Construction wattage	5.70 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	47 mA
Type of current	AC
Inrush current	18 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	287
Max. lamp number on MCB B16 A	461
Power factor λ	> 0.50

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	82 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 sdc



349923_2700K_3000K_Se_3030.eps

Light technical data

Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	106.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	35.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	92.3 °C

Lifespan

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
Mercury-free	Yes
Design / version	Frosted
Product remark	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown 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 / In development, data preliminary

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	A+ ¹⁾
Energy consumption	6.00 kWh/1000h
Type of protection	IP20

Standards	CE
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1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

ILCOS	DRBB/F-5,7-220-240-E14-38/110
Order reference	LEDPCLB40 5,7W/

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Length	106.00 mm
Height	35.00 mm
Width	35.00 mm

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	AC08928_CLB40 5W 220-240V FR E14
	LDT file (Eulumdat)	AC08928_CLB40 5W 220-240V FR E14
	UGR file (UGR table)	LEDCLB40 5W 827 230VFR E14 FS2 BELLX
	Light distribution curve type polar	LEDCLB40 5,7W 827 230VFR E14 FS1 BELLX
	Light distribution curve type polar	LEDCLB40 5W 827 230VFR E14 FS2 BELLX
	Light distribution curve type polar	112613LCLB40 5W 827 230VFR E14 FS2 XAVAX
	Light distribution curve type polar	LEDPCLB40 5,7W 827 230VFR E14 FS1 OSRAM
	Light distribution curve type polar	LEDCLB40 5W 827 230VFR E14 FS2 ARO
	Light distribution curve type polar	LEDCLB40 5W 827 230VFR E14 FS4 ARO
	Spectral power distribution	349923_2700K_3000K_Se_3030.eps

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899961951	Folding box 1	39 mm x 39 mm x 109 mm	49.00 g	0.17 dm ³
4052899962446	Shipping box 10	205 mm x 87 mm x 123 mm	451.00 g	2.19 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
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DISCLAIMER

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