

PRODUCT FAMILY DATASHEET

PARATHOM® CLASSIC B

LED lamps, classic mini-candle shape



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

Product description	Nominal wattage	Construction wattage	Nominal voltage	Claimed equiv. conventional lamp power	Nominal current
P CLAS B 40 5.5 W/2700 K E14	5.5 W	5.50 W	220...240 V	40 W	43 mA

Product description	Type of current	Inrush current	Operating frequency	Mains frequency	Max. lamp no. on circuit break. 10 A (B)
P CLAS B 40 5.5 W/2700 K E14	AC	10 A	50...60 Hz	50...60 Hz	210

Product description	Max. lamp no. on circuit break. 16 A (B)	Power factor λ
P CLAS B 40 5.5 W/2700 K E14	320	> 0.50

Photometrical data

Product description	Luminous flux	Nominal useful luminous flux 90°	Luminous efficacy	Lumen main.fact.at end of nom.life time	Light color (designation)
P CLAS B 40 5.5 W/2700 K E14	470 lm	470 lm	85 lm/W	0.70	Warm White

Product description	Color temperature	Color rendering index Ra	Light color	Standard deviation of color matching	Rated LLMF at 6,000 h
P CLAS B 40 5.5 W/2700 K E14	2700 K	≥80	827	≤6 sdc _m	0.80

Light technical data

Product description	Beam angle	Warm-up time (60 %)	Starting time	Rated beam angle (half peak value)
P CLAS B 40 5.5 W/2700 K E14	220 °	< 0.50 s	< 0.5 s	220.00 °

Dimensions & Weight

Product description	Overall length	Length	Width (incl. round luminaires)	Height (incl. round luminaires)
P CLAS B 40 5.5 W/2700 K E14	100.00 mm	100.00 mm	37.00 mm	37.00 mm

Product description	Diameter	Maximum diameter	Product weight
P CLAS B 40 5.5 W/2700 K E14	37.00 mm	37 mm	20.00 g

Temperatures & operating conditions

Product description	Ambient temperature range	Maximum temperature at tc test point
P CLAS B 40 5.5 W/2700 K E14	-20...+40 °C	100 °C

Lifespan

Product description	Nominal lamp life time	Number of switching cycles	Lumen maintenance at end of serv	Rated lamp survival factor at 6,000
P CLAS B 40 5.5 W/2700 K E14	15000 h	100000	0.70	≥ 0.90

Additional product data

Product description	Base (standard designation)	Mercury content	Mercury-free	Design / version	Product remark
P CLAS B 40 5.5 W/2700 K E14	E14	0.0 mg	Yes	Frosted	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

Product description	Dimmable
P CLAS B 40 5.5 W/2700 K E14	No

Certificates & Standards

Product description	Energy efficiency class	Energy consumption	Type of protection	Standards	Photobiological safety group acc. to EN62778
P CLAS B 40 5.5 W/2700 K E14	A+ ¹⁾	6.00 kWh/1000h	IP20	CE / CB / ERP	RG0

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

Energy labelling regulation data acc EU 2019/2015

Product description	Light source cap-type (or other electric interface)	Correlated colour temperature type
P CLAS B 40 5.5 W/2700 K E14	E14	SINGLE_VALUE

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.


SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com

COUNTRY SPECIFIC INFORMATION

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
P CLAS B 40 5.5 W/2700 K E14	4058075463349	-	8295503	4731461	-

DOWNLOAD DATA

DOWNLOAD DATA	
	PRODUCT DATASHEET P CLAS B 40 5.5 W 2700K E14

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075463349	Folding box 1	38 mm x 38 mm x 108 mm	28.00 g	0.16 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.