PRODUCT DATASHEET
BASE CLAS P 40 4.5 W/2700 K E14

LED BASE CLASSIC P | LED lamps, classic mini-ball shape

Areas of application

– General illumination
– Domestic applications
– Outdoor use in suitable outdoor luminaires only

Product benefits

– Lower thermal output (compared with the standard reference product)
– Very low energy consumption
– Shockproof and vibration-proof thanks to LED technology
– No UV and near-IR radiation in the light beam
– Instant 100 % light, no warm-up time
– Simple direct replacement for conventional incandescent lamps

Product features

– Professional LED lamps for line voltage
– Base: E14
– Not suitable for use with dimmers
– Mercury-free lamps

TECHNICAL DATA

Electrical data

Nominal wattage	4.5 W
Construction wattage	4.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	36 mA
Type of current	AC
Inrush current	1.9 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor λ	> 0.40

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	104 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 sdcm

Light technical data

Beam angle	320 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	78.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	18.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	59 °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	Clear
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

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	A++ [1]
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE

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

Country-specific categorizations

ILCOS	DRBP/C-4/827-220/240-E14-45
Order reference	BASECLP40 4,5W/

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Length	78.00 mm
Height	45.00 mm
Width	45.00 mm

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075090583	Folding box 2	45 mm x 78 mm x 120 mm	47.00 g	0.42 dm³
4058075090590	Shipping box 20	236 mm x 166 mm x 103 mm	0.63 g	4.04 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.