PRODUCT DATASHEET
ST CLAS P 40 4 W/4000 K E27

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

Areas of application

– Perfect for decorative installations
– Domestic applications
– General illumination
– Outdoor use in outdoor luminaires only (minimum IP65)

Product benefits

– Very low energy consumption
– Lamps with innovative LED "filament" technology
– No UV and near-IR radiation in the light beam
– Instant 100 % light, no warm-up time
– Can be easily fitted instead of ordinary light bulbs
– Lower thermal output (compared with the standard reference product)
– Design, dimensions, luminous flux comparable to an incandescent or halogen lamp

Product features

– Professional LED lamps for line voltage
– Not dimmable
– Beam angle: up to 300°

A↑G **F**

- Lifetime: up to 15,000 h
- Lamp made of glass
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity

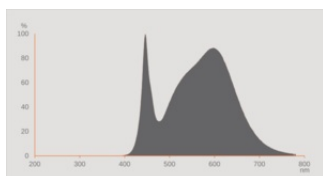## TECHNICAL DATA

Electrical data

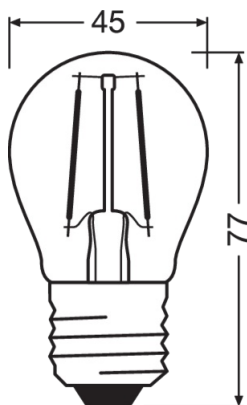|	
Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	32 mA
Type of current	AC
Inrush current	3.7 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	156
Max. lamp no. on circuit break. 16 A (B)	250
Power factor λ	> 0.50

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	117 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
Rated LLMF at 6,000 h	0.80

Light technical data

Beam angle	300 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	300.00 °

Dimensions & Weight

Overall length	77.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	20.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	50 °C

Lifespan

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes

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	F [1)
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	LEDSCLP40 4W/84

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Length	77.00 mm
Height	45.00 mm
Width	45.00 mm

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PDF	PRODUCT DATASHEET

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075111875	Blister 1	45 mm x 140 mm x 120 mm	31.00 g	0.76 dm³
4058075435148	Folding box 1	46 mm x 49 mm x 130 mm	32.00 g	0.29 dm³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075111882	Shipping box 6	285 mm x 153 mm x 132 mm	329.00 g	5.76 dm³
4058075435155	Shipping box 10	251 mm x 111 mm x 106 mm	410.00 g	2.95 dm³
4058075605923	Shipping box 6	159 mm x 111 mm x 106 mm	282.00 g	1.87 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.