

PRODUCT DATASHEET

ST CLAS P

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



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- 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°



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

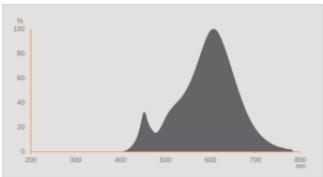
TECHNICAL DATA

Electrical data

Construction wattage	1.50 W
Type of current	AC
Inrush current	2 A
Operating frequency	50...60 Hz
Max. lamp number on MCB B10 A	416
Max. lamp number on MCB B16 A	666

Photometrical data

Nominal useful luminous flux 90°	136 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Rated LLMF at 6,000 h	0.80



EPREL data spectral diagram PROF
LEDr 2700K

Light technical data

Warm-up time (60 %)	⋅ 0.50 s
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Dimensions & Weight

Overall length	77.00 mm
Maximum diameter	45 mm

Temperatures & operating conditions

Maximum temperature at tc test point	50 °C
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Lifespan

Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

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

Certificates & Standards

Energy consumption	2.00 kWh/1000h
Standards	CE

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
	Declarations of conformity	LED lamps CLA,B,G,P

Photometric and lighting design files		Document name
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075108080	Blister 1	45 mm x 140 mm x 120 mm	26.00 g	0.76 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075108097	Shipping box 6	285 mm x 153 mm x 132 mm	304.00 g	5.76 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.

DISCLAIMER

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