

PRODUCT DATASHEET ST CLAS P 40 5 W/4000 K E27

LED Retrofit CLASSIC P DIM | Dimmable 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

- Lamps with innovative LED "filament" technology
- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Design, dimensions, luminous flux comparable to an incandescent lamp

Product features

- LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Beam angle: up to 300°
- Lifetime up to 15,000 h
- Lamp made of glass
- Good quality of light; color rendering index $R_{a:} \ge 80$; constant chromaticity





TECHNICAL DATA

Electrical data

Nominal wattage	5 W
Construction wattage	5.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	25 mA
Type of current	AC
Inrush current	2.8 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	460
Max. lamp number on MCB B16 A	736
Power factor λ	> 0.70

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	94 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	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	77.00 mm		
Diameter	45.00 mm		
Maximum diameter	45 mm 18.00 g		
Product weight			
emperatures & operating conditions			
Ambient temperature range	-20+40 °C		
Maximum temperature at tc test point	50 °C		
ifespan			
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)	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	Yes		
Certificates & Standards			
Energy efficiency class	F 1)		
Energy consumption	5.00 kWh/1000h		
Type of protection	IP20		
Standards	CE		
Photobiological safety group acc. to EN62778	RG0		

Country-specific categorizations

Order reference LEDSCLP40D5W/84

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Correlated colour temperature type	SINGLE_VALUE
Length	77.00 mm
Height	45.00 mm
Width	45.00 mm
EPREL ID	1403345
Model number	AC24254

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075111790	Blister 1	45 mm x 140 mm x 120 mm	29.00 g	0.76 dm ³
4058075111806	Shipping box 6	285 mm x 153 mm x 132 mm	363.00 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.

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