

# PRODUCT DATASHEET ST CLAS P 25 2.5 W/2700 K E14

# 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**

- 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°



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

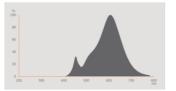
# **TECHNICAL DATA**

## Electrical data

Nominal wattage	2.5 W
Construction wattage	2.50 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	19 mA
Type of current	AC
Inrush current	1.8 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp no. on circuit break. 10 A (B)	250
Max. lamp no. on circuit break. 16 A (B)	400
Power factor $\lambda$	> 0.50

# Photometrical data

Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	100 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 К
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9



# 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	45,0 mm
Maximum diameter	45 mm
Product weight	15.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	60 °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)	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	F 1)
Energy consumption	3.00 kWh/1000h

Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RGO

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

#### **Country-specific categorizations**

Order reference	LEDSCLP25 2,5W/
-----------------	-----------------

# Energy labelling regulation data acc EU 2019/2015

LED
NDLS
MLS
E14
No
SINGLE_VALUE
Yes
77.00 mm
45,0 mm
45,0 mm
0.463
0.420
SPHERE_360
0.90
0.40
No
1402961,523083
AC32463,AC17475

### DOWNLOAD DATA

	DOWNLOAD DATA
PDF	PRODUCT DATASHEET
PDF	Declarations Of Conformity CE

# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075436602	Folding box 1	46 mm x 49 mm x 130 mm	27.00 g	0.29 dm <sup>3</sup>
4058075605404	Shipping box 6	159 mm x 111 mm x 106 mm	252.00 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.