

PRODUCT DATASHEET

ST CLAS A 40 4 W/4000 K E27

LED DAYLIGHT SENSOR CLASSIC A | Special LED lamps with daylight sensor, classic bulb shape



Areas of application

- Outdoor use in suitable outdoor luminaires only
- Wherever constant lighting is necessary at night

Product benefits

- Short payback period thanks to low energy consumption and maintenance costs
- Energy-saving lighting solutions thanks to automatic switch off at daylight (> 20 lux)
- Safety through automatic switch-on at darkness (< 20 lux)
- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

Product features

- LED alternative to conventional lamps
- High color consistency: ≤ 6 SDCM
- Mercury-free lamps
- The integrated light sensor detects daylight level every 10 minutes and turns on/off automatically



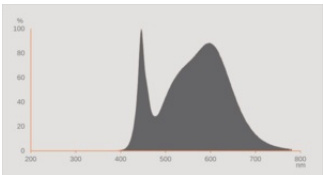
TECHNICAL DATA

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	34 mA
Type of current	AC
Inrush current	2 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	110
Max. lamp number on MCB B16 A	160
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 sdc _m
Rated LLMF at 6,000 h	0.80



LISO spectral power distribution
4000K CRI80 v1

Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	105.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	30.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	60 °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)	E27
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
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Certificates & Standards

Energy efficiency class	A++ ¹⁾
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE

Photobiological safety group acc. to EN62778	RG0
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1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

Order reference	LEDSCLA40DS 4W/
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Length	105.00 mm
Height	60.00 mm
Width	60.00 mm
EPREL ID	523173

Safety advice

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

DOWNLOAD DATA

Photometric and lighting design files		Document name
	Spectral power distribution	LISO spectral power distribution 4000K CRI80 v1

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075435087	Folding box 1	60 mm x 60 mm x 145 mm	46.00 g	0.52 dm ³
4058075162242	Blister 1	61 mm x 140 mm x 120 mm	53.00 g	1.02 dm ³
4058075435094	Shipping box 4	139 mm x 134 mm x 120 mm	244.00 g	2.24 dm ³
4058075162259	Shipping box 6	381 mm x 153 mm x 136 mm	462.00 g	7.93 dm ³
4058075446762	Shipping box 32	296 mm x 286 mm x 269 mm	2480.00 g	22.77 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.