

PRODUCT DATASHEET ST CLAS A 60 6.5 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	6.5 W
Construction wattage	6.50 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	50 mA
Type of current	AC
Inrush current	2.1 A
Operating frequency	5060 Hz
Mains frequency	5060 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	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	124 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

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	62 °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 comple 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	A++ 1)			
Energy consumption	7.00 kWh/1000h			
Type of protection	IP20			
Standards	CE			
Photobiological safety group acc. to EN62778	RG0			
Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E Country-specific categorizations	(lowest efficiency)			
Order reference	LEDSCLA60DS6,5W			
Energy labelling regulation data acc EU 2019/2015				
Light source cap-type (or other electric interface)	E27			
	105.00			

105.00 mm

Length

Height	60.00 mm
Width	60.00 mm

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
4058075162204	Blister 1	61 mm x 140 mm x 120 mm	53.00 g	1.02 dm ³
4058075162211	Shipping box	381 mm x 153 mm x 136 mm	462.00 g	7.93 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.