PRODUCT DATASHEET

LED Classic A 60 Filament Motion & Daylight sensor S 7.3W 827 Clear E27

LED CLASSIC A MOTION & DAYLIGHT SENSOR S | Special lamps with motion sensor and integrated daylight sensor, classic bulb shape



SUPERIOR CLASS

Areas of application

- Staircases, corridor, basement, entrance
- Lamp needs to be turned on only when motion is detected and ambient is dark
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Energy-saving solution thanks to motion sensor and automatic switch off at daylight
- Easy replacement of halogen lamps thanks to compact design
- Automatic light switch off 30 seconds after the last motion detection
- Illumination threshold for automatic switching: 20 lx
- Lower energy consumption than incandescent or halogen lamps

Product features

- Integrated microwave sensor can detect fine movement also through plastic and glass fixtures
- Detection range up to 3 meter and 90°
- Integrated light sensor switches the light on only when it is dark





TECHNICAL DATA

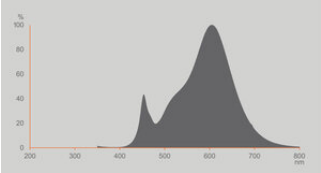
Electrical data

Nominal wattage	7.3 W
Construction wattage	7.30 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	46 mA
Type of current	AC
Inrush current	2.22 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	98
Max. lamp number on MCB B16 A	117
Maximum total harmonic distortion	85 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	806 lm
Luminous efficacy	110 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4

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Spectral graph 2700K

Light technical data

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

Dimensions & Weight



Overall length	122.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	39.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	70 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg

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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
Added function	Motion sensor / Day & Night Sensor

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	E [1)]
Energy consumption	8.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

Order reference	LCLA60 MS/DS 7.

LOGISTICAL DATA

Temperature range at storage	-20…+80 °C

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	E27
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0.5 W
Claim of equivalent power	Yes

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Length	122.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1838152,2162502,2523325
Model number	AC57858,AC69840,AC92469

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
PDF	Declarations of conformity	LED smart lamp
PDF	Declarations of conformity	LED Lamp
PDF	Declarations of conformity	LED Lamp Smart
PDF	Declarations of conformity UKCA	LED smart lamp
PDF	Declarations of conformity UKCA	LED Lamp
PDF	Declarations of conformity UKCA	LED Lamp Smart

	Photometric and lighting design files	Document name
	Spectral power distribution	Spectral graph 2700K

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854236792	Folding box 1	61 mm x 61 mm x 124 mm	50.00 g	0.46 dm^3
4099854236808	Shipping box 10	319 mm x 133 mm x 138 mm	620.00 g	5.85 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.

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