

PRODUCT DATASHEET

Motion Sensor CLA 60 8.8 W/2700 K E27

LED STAR MOTION SENSOR CLASSIC A | Special LED lamps with motion sensor, classic bulb shape



Areas of application

- Outdoor applications only in suitable luminaires

Product benefits

- Short payback period thanks to low energy consumption and maintenance costs
- Energy-saving lighting solution thanks to automatic switch off at daylight
- Very long lifetime of up to 25,000 h
- Automatic light switch off 15 seconds after the last motion detection
- Illumination threshold for automatic switching: 10 lx
- Low energy consumption
- 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



TECHNICAL DATA

Electrical data

Nominal wattage	8.8 W
Construction wattage	8.80 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	53 mA
Type of current	AC
Inrush current	3.12 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	150
Max. lamp no. on circuit break. 16 A (B)	241
Total harmonic distortion	88.16 %
Power factor λ	> 0.50

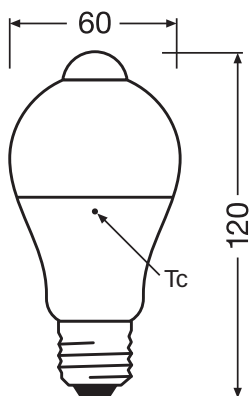
Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	91 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

Light technical data

Beam angle	200 °
Warm-up time (60 %)	0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	200.00 °

Dimensions & Weight



Overall length	118.00 mm
Length	118.00 mm
Width (incl. round luminaires)	60.00 mm
Height (incl. round luminaires)	60.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	43.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	85 °C

Lifespan

Nominal lamp life time	25000 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)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

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
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Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	F ¹⁾
Energy consumption	9.00 kWh/1000h
Type of protection	IP20
Standards	CE / ERP / EMC / REACH
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

ILCOS	DRAA/F-9/827-220-240-E27-60
Order reference	LEDSCLA60MS 8,8

LOGISTICAL DATA



Temperature range at storage	-20...+80 °C
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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	0.50
Claim of equivalent power	Yes
Chromaticity coordinate x	0.458

Chromaticity coordinate y	0.410
Beam angle	SPHERE_360
Survival factor	0.90
Displacement factor	0.50
LED light source replaces a fluorescent light source	not applicable

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DOWNLOAD DATA	
	PRODUCT DATASHEET LEDSCLA60MS 9W/827 230VFR E276XBLI1OSRAM
	Certificates EAEC N RU D-DE.MYu62.B.00930 20 06.03.2020-05.03.2025

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