

PRODUCT DATASHEET CLAS A 60 DS S 8.8W 827 FR E27

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



Areas of application

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

Product benefits

- Short payback period thanks to low energy consumption and maintenance costs
- Energy-saving lighting solution thanks to automatic switch off at daylight
- Safety through automatic switch-on at darkness
- Low energy consumption
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time
- Light sensors detect daylight on the basis of the spectral distribution

Product features

- LED alternative to conventional lamps
- Not dimmable
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity





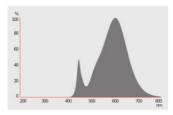
TECHNICAL DATA

Electrical data

Nominal wattage	8.8 W
Construction wattage	8.80 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	55 mA
Type of current	AC
Inrush current	0.11 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp no. on circuit break. 10 A (B)	145
Max. lamp no. on circuit break. 16 A (B)	232
Total harmonic distortion	92.1 %
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	0.96
Light color (designation)	Warm White
Color temperature	2700 K
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)	0.4



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	108.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	23.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	80.3 °C

Lifespan

Lifespan	25000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.96
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		
Capabilities			
Dimmable	No		
Certificates & Standards			
Energy efficiency class	F ¹⁾		
Energy consumption	9.00 kWh/1000h		
Type of protection	IP20		
Standards	CE / LVD / EMC / SLR / ROHS / REACH		
Photobiological safety group acc. to EN62778 RG0			
E) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (low Country-specific categorizations Order reference	west efficiency) LED CLA60 DS 8.		
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Country-specific categorizations Order reference LOGISTICAL DATA Temperature range at storage Energy labelling regulation data acc EU 2019/2015 Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source Envelope	LED CLA60 DS 8. -20+80 °C LED NDLS MLS E27 No No No		
Country-specific categorizations Order reference COGISTICAL DATA Temperature range at storage Energy labelling regulation data acc EU 2019/2015 Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source Envelope High luminance light source	LED CLA60 DS 8. -20+80 °C LED NDLS MLS E27 No No No No		

0.50 W

108.00 mm

Yes

Networked standby power for CLS

Claim of equivalent power

Length

Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.50
LED light source replaces a fluorescent light source	No
EPREL ID	1338683
Model number	AC45040

DOWNLOAD DATA

DOWNLOAD DATA



Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854043956	Folding box 1	61 mm x 61 mm x 112 mm	37.00 g	0.42 dm ³
4099854043963	Shipping box 10	315 mm x 136 mm x 126 mm	463.00 g	5.40 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.

References / Links

- For dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.