

PRODUCT DATASHEET LED Classic A 60 Filament P 7.3W 827 Clear E27

PARATHOM® DAYLIGHT SENSOR CLASSIC A | 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 Ra; ≥ 80; constant chromaticity



Clear E27



TECHNICAL DATA

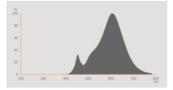
Electrical data

Nominal wattage	7.3 W
Construction wattage	7.30 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	50 mA
Type of current	AC
Inrush current	3.14 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	50
Max. lamp no. on circuit break. 16 A (B)	81
Total harmonic distortion	100 %
Power factor λ	> 0.60

Photometrical data

Luminous flux 806 Im Nominal useful luminous flux 90° 806 Im Luminous efficacy 110 Im/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 Rated LLMF at 6,000 h 0.80		
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	Luminous flux	806 lm
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	Nominal useful luminous flux 90°	806 lm
Light color (designation) Warm White Color temperature 2700 K Color rendering index Ra 80 Light color 827 Standard deviation of color matching ≤6 sdcm	Luminous efficacy	110 lm/W
Color temperature 2700 K Color rendering index Ra 80 Light color 827 Standard deviation of color matching ≤6 sdcm	Lumen main.fact.at end of nom.life time	0.93
Color rendering index Ra 80 Light color 827 Standard deviation of color matching ≤6 sdcm	Light color (designation)	Warm White
Light color 827 Standard deviation of color matching ≤6 sdcm	Color temperature	2700 K
Standard deviation of color matching ≤6 sdcm	Color rendering index Ra	80
	Light color	827
Rated LLMF at 6,000 h 0.80	Standard deviation of color matching	≤6 sdcm
	Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM) 1,0	Flickering metric (Pst LM)	1,0
Stroboscope effect metric (SVM) 0,4	Stroboscope effect metric (SVM)	0,4

Clear E27



Light technical data

Beam angle	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	106.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	32.00 g

Temperatures & operating conditions

Ambient temperature range	-2040 °C
Maximum temperature at tc test point	80 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg

Energy efficiency class E Energy consumption 8.00 kWh/1000h Type of protection IP20 Standards CE / EAC Photobiological safety group acc. to EN62778 RG1 Country-specific categorizations Order reference LEDPCLA60DS 7,3	Design / version	Clear
Energy efficiency class Energy consumption 8.00 kWh/1000h P20 Energy consumption P20 Energy consumption P20 Energy Energ		
Cortificates & Standards Energy efficiency class E Energy consumption 8.00 Wh/1000h Type of protection IP20 Standards OF / EAC Photobiological safety group acc. to EN62778 RG1 Country-specific categorizations Order reference LEDPCLAGODS 7,3 Energy labelling regulation data acc EU 2019/2015 Lighting technology used LED Non-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 High luminance light source No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Standay power Networked standby power for CLS not applicable Length 106.00 mm Height Michael Rows No Networked standby power for CLS not applicable Length 106.00 mm Width 60.00 mm Width 60.00 mm Chromaticity coordinate x 0.463 Chromaticity coordinate y 0.420 E9 Colour rendering index	Capabilities	
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Chromaticity coordinate y 0.420 R9 Colour rendering index 0.00	Width	60.00 mm
R9 Colour rendering index 0.00	Chromaticity coordinate x	0.463
	Chromaticity coordinate y	0.420
Beam angle correspondence SPHERE_360	R9 Colour rendering index	0.00
	Beam angle correspondence	SPHERE_360

0,9

Survival factor

0,7
No
1206271
AC41848

DOWNLOAD DATA

Documents and certificates



Declarations Of Conformity CE

Photometric and lighting design files



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075762015	Folding box 1	60 mm x 60 mm x 111 mm	46.00 g	0.40 dm ³
4058075762022	Shipping box 10	315 mm x 131 mm x 126 mm	554.00 g	5.20 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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