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 R_a: ≥ 80; constant chromaticity

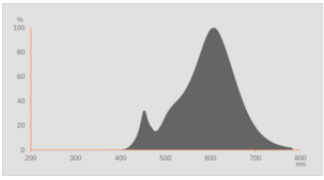
TECHNICAL DATA

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	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 lm
Nominal useful luminous flux 90°	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
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	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	-20...40 °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

Design / version	Clear

Capabilities

Dimmable	No

Certificates & Standards

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

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
Networked standby power for CLS	not applicable
Claim of equivalent power	Yes
Length	106.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0,9

Displacement factor	0,7
LED light source replaces a fluorescent light source	No
EPREL ID	1206271
Model number	AC41848

DOWNLOAD DATA

	Documents and certificates
PDF	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.