

# PRODUCT DATASHEET PCLAS 60DS FR 60 FR 9 W/2700 K 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<sub>a</sub>: ≥ 80; constant chromaticity





## TECHNICAL DATA

## Electrical data

Nominal wattage	9 W
Construction wattage	9.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	70 mA
Type of current	AC
Inrush current	6.6 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	30
Max. lamp number on MCB B16 A	45
Power factor $\lambda$	> 0.50

## Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	89 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 sdcm
Rated LLMF at 6,000 h	0.80

# Light technical data

Ī	Beam angle	240 °
	Warm-up time (60 %)	< 0.50 s
	Starting time	< 0.5 s

# Dimensions & Weight

Overall length	112.00 mm
Diameter	60.00 mm
Maximum diameter	62 mm

Product weight	34.00 g		
Temperatures & operating conditions			
Ambient temperature range -20+40 °C			
Maximum temperature at tc test point	96 °C		
Lifespan			
Number of switching cycles 100000			
Lumen maintenance at end of service lifetime	0.70		
Rated lamp survival factor at 6,000 h	≥ 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			
Certificates & Standards  Energy efficiency class	F 1)		
	F <sup>1)</sup> 9.00 kWh/1000h		
Energy efficiency class			
Energy efficiency class Energy consumption	9.00 kWh/1000h		
Energy efficiency class  Energy consumption  Type of protection	9.00 kWh/1000h IP20		
Energy efficiency class  Energy consumption  Type of protection  Standards  Photobiological safety group acc. to EN62778	9.00 kWh/1000h  IP20  CE  RG0		
Energy consumption  Type of protection  Standards	9.00 kWh/1000h  IP20  CE  RG0		
Energy efficiency class  Energy consumption  Type of protection  Standards  Photobiological safety group acc. to EN62778  1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (love)	9.00 kWh/1000h  IP20  CE  RG0		
Energy efficiency class  Energy consumption  Type of protection  Standards  Photobiological safety group acc. to EN62778  1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (low Country-specific categorizations)	9.00 kWh/1000h  IP20  CE  RG0  west efficiency)		
Energy efficiency class  Energy consumption  Type of protection  Standards  Photobiological safety group acc. to EN62778  1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (low Country-specific categorizations)  ILCOS	9.00 kWh/1000h  IP20  CE  RG0  west efficiency)  DRAA/F-9,5/827-220-240-E27-60		

Correlated colour temperature type	SINGLE_VALUE
Length	112.00 mm
Height	60.00 mm
Width	60.00 mm
EPREL ID	1402990
Model number	AC17519

## Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

#### DOWNLOAD DATA

	Photometric and lighting design files	Document name	
IES file (IES) AC08373_CLA60DS 8,5W 230		AC08373_CLA60DS 8,5W 230V FR E27	
	LDT file (Eulumdat)  AC08373_CLA60DS 8,5W 230V FR E27		
	Light distribution curve type polar	LEDPCLA60DS 8,5W 827 230VFR E27 FS1OSRAM	
	Light distribution curve type polar LEDPCLA60DS 8,5W 827 230VFR E27 FS1OSRAM		

#### **LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075303485	Folding box 1	63 mm x 63 mm x 127 mm	55.00 g	0.50 dm <sup>3</sup>
4058075303492	Shipping box 10	327 mm x 136 mm x 141 mm	648.00 g	6.27 dm <sup>3</sup>

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

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