

# 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  $R_a$ :  $\geq$  80; constant chromaticity





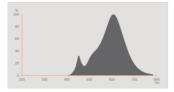
## **TECHNICAL DATA**

## 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 flux806 lmNominal useful luminous flux 90°806 lmLuminous efficacy110 lm/WLumen main.fact.at end of nom.life time0.93Light color (designation)Warm WhiteColor temperature2700 KColor rendering index Ra80Light color827Standard deviation of color matching≤6 sdcmRated LLMF at 6,000 h0.80Flickering metric (Pst LM)1,0Stroboscope effect metric (SVM)0,4		
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	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   Rated LLMF at 6,000 h 0.80   Flickering metric (Pst LM) 1,0	Nominal useful luminous flux 90°	806 lm
Light color (designation)  Color temperature  2700 K  Color rendering index Ra  80  Light color  827  Standard deviation of color matching  Rated LLMF at 6,000 h  Flickering metric (Pst LM)  Warm White  2700 K  80  80  1,0	Luminous efficacy	110 lm/W
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	Lumen main.fact.at end of nom.life time	0.93
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Light color 827  Standard deviation of color matching ≤6 sdcm  Rated LLMF at 6,000 h 0.80  Flickering metric (Pst LM) 1,0	Color temperature	2700 K
Standard deviation of color matching ≤6 sdcm  Rated LLMF at 6,000 h 0.80  Flickering metric (Pst LM) 1,0	Color rendering index Ra	80
Rated LLMF at 6,000 h  6.80  Flickering metric (Pst LM)  1,0	Light color	827
Flickering metric (Pst LM) 1,0	Standard deviation of color matching	≤6 sdcm
	Rated LLMF at 6,000 h	0.80
Stroboscope effect metric (SVM) 0,4	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	-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

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eight 60.00 mm	
dth 60.00 mm	
romaticity coordinate x 0.463	
romaticity coordinate y 0.420	
Colour rendering index 0.00	
am angle correspondence SPHERE_360	

0,9

Survival factor

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

## **DOWNLOAD DATA**

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Documents	ana	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 <sup>3</sup>
4058075762022	Shipping box 10	315 mm x 131 mm x 126 mm	554.00 g	5.20 dm³

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.