

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 | 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 sdcn |
| Rated LLMF at 6,000 h | 0.80 |
| Flickering metric (Pst LM) | 1,0 |
| Stroboscope effect metric (SVM) | 0,4 |



Light technical data

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|---------------------|----------|
| 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 |

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|------------------|-------|
| 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 | LEDPCA60DS 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



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.