

PRODUCT DATASHEET LED Star Classic Stick 60 8W 840 Frosted E27

PARATHOM® STICK | LED lamps, classic stick shape



Areas of application

- All domestic rooms, especially where the lamps are visible
- Wherever compact and efficient lamps are needed
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Low energy consumption
- Attractive lamp appearance
- Instant 100 % light, no warm-up time

Product features

- LED alternative to conventional lamps
- Lifetime up to 15,000 h
- Not dimmable





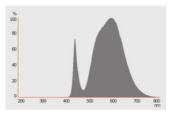
TECHNICAL DATA

Electrical data

| Nominal wattage | 8 W |
|--|----------|
| Construction wattage | 8.00 W |
| Nominal voltage | 220240 V |
| Claimed equiv. conventional lamp power | 60 W |
| Nominal current | 58 mA |
| Type of current | AC |
| Inrush current | 10.2 A |
| Operating frequency | 5060 Hz |
| Mains frequency | 5060 Hz |
| Max. lamp number on MCB B10 A | 172 |
| Max. lamp number on MCB B16 A | 310 |
| Total harmonic distortion | 105 % |
| Power factor λ | > 0.50 |

Photometrical data

| Luminous flux | 806 lm |
|---|------------|
| Nominal useful luminous flux 90° | 806 lm |
| Luminous efficacy | 100 lm/W |
| Lumen main.fact.at end of nom.life time | 0.93 |
| Light color (designation) | Cool White |
| Color temperature | 4000 K |
| Color rendering index Ra | ≥80 |
| Light color | 840 |
| 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) | 0.9 |
| | |



349924_4000K_Se_5630.eps

Light technical data

| Beam angle | 200 ° |
|---------------------|---------|
| Warm-up time (60 %) | 0.50 s |
| Starting time | < 0.5 s |

Dimensions & Weight

| Overall length | 116.00 mm |
|------------------|-----------|
| Diameter | 36.00 mm |
| Maximum diameter | 38 mm |
| Product weight | 29.00 g |

Temperatures & operating conditions

| Ambient temperature range | -20+40 °C |
|--------------------------------------|-----------|
| Maximum temperature at tc test point | 82 °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 |
| 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 | |
| Energy efficiency class | F ¹⁾ |
| Energy consumption | 8.00 kWh/1000h |
| Type of protection | IP20 |
| Standards | ROHS 2.0 / REACH / CE |
| Photobiological safety group acc. to EN62778 | RG0 |
| OGISTICAL DATA | |
| Temperature range at storage | |
| | -40+80 °C |
| Energy labelling regulation data acc EU 2019/2015 | -40+80 °C |
| Energy labelling regulation data acc EU 2019/2015 Lighting technology used | -40+80 °C |
| | |
| Lighting technology used | LED |
| Lighting technology used Non-directional or directional | LED NDLS |
| Lighting technology used Non-directional or directional Mains or non-mains | LED NDLS MLS |
| Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) | LED NDLS MLS E27 |
| Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) Connected light source (CLS) | LED NDLS MLS E27 No |
| Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source | LED NDLS MLS E27 No |
| Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source Envelope | LED NDLS MLS E27 No No No |
| Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source Envelope High luminance light source | LED NDLS MLS E27 No No No No |
| Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source Envelope High luminance light source Anti-glare shield | LED NDLS MLS E27 No No No No No |
| Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source Envelope High luminance light source Anti-glare shield Correlated colour temperature type | LED NDLS MLS E27 No No No No No Single_Value |

116.00 mm

36.00 mm

Length

Height

| Width | 36.00 mm |
|--|------------|
| Chromaticity coordinate x | 0.382 |
| Chromaticity coordinate y | 0.380 |
| R9 Colour rendering index | 1 |
| Beam angle correspondence | SPHERE_360 |
| Survival factor | 0.90 |
| Displacement factor | 0.50 |
| LED light source replaces a fluorescent light source | No |
| EPREL ID | 523292 |
| Model number | AC31134 |

DOWNLOAD DATA

| | Documents and certificates | Document name |
|-----|----------------------------|----------------|
| POF | Declarations of conformity | LED Stick lamp |

| Photometric and lighting design files | Document name |
|---------------------------------------|--------------------------|
| Spectral power distribution | 349924_4000K_Se_5630.eps |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075593312 | Folding box | 36 mm x 36 mm x 120 mm | 37.00 g | 0.16 dm ³ |
| 4058075593329 | Shipping box 10 | 197 mm x 83 mm x 135 mm | 467.00 g | 2.21 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.