

## PRODUCT DATASHEET

### LED STAR STICK 60 FR 8 W/4000 K E27

LED STAR 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
- Where the lamps need to last a long time or have to withstand frequent on/off switching
- Outdoor use in suitable outdoor luminaires only

#### Product benefits

- Low energy consumption
- Attractive lamp appearance

#### Product features

- LED alternative to conventional lamps
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity
- Mercury-free lamps



## TECHNICAL DATA

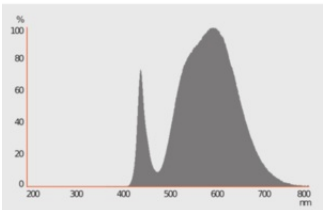
### Electrical data

|                                          |             |
|------------------------------------------|-------------|
| Nominal wattage                          | 8 W         |
| Construction wattage                     | 8.00 W      |
| Nominal voltage                          | 220...240 V |
| Claimed equiv. conventional lamp power   | 60 W        |
| Nominal current                          | 58 mA       |
| Type of current                          | AC          |
| Inrush current                           | < 18 A      |
| Operating frequency                      | 50...60 Hz  |
| Mains frequency                          | 50...60 Hz  |
| Max. lamp no. on circuit break. 10 A (B) | 172         |
| Max. lamp no. on circuit break. 16 A (B) | 275         |
| Total harmonic distortion                | 119 %       |
| Power factor $\lambda$                   | > 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 | 0.70       |
| Light color (designation)               | Cool White |
| Color temperature                       | 4000 K     |
| Color rendering index Ra                | ≥80        |
| Light color                             | 840        |
| Standard deviation of color matching    | ≤6 sdcn    |
| Rated LLMF at 6,000 h                   | 0.80       |





Light technical data

|                                    |          |
|------------------------------------|----------|
| Beam angle                         | 200 °    |
| Warm-up time (60 %)                | < 0.50 s |
| Starting time                      | < 0.5 s  |
| Rated beam angle (half peak value) | 200.00 ° |

Dimensions & Weight

|                  |           |
|------------------|-----------|
| Overall length   | 114.00 mm |
| Diameter         | 40.40 mm  |
| Maximum diameter | 38 mm     |
| Product weight   | 29.00 g   |

Temperatures & operating conditions

|                                      |              |
|--------------------------------------|--------------|
| Ambient temperature range            | -40...+40 °C |
| Maximum temperature at tc test point | 90 °C        |

Lifespan

|                                     |         |
|-------------------------------------|---------|
| Lifespan                            | 15000 h |
| Number of switching cycles          | 100000  |
| Lumen maintenance at end of serv    | 0.70    |
| Rated lamp survival factor at 6,000 | ≥ 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 <sup>1)</sup> |
| Energy consumption                           | 8.00 kWh/1000h  |
| Type of protection                           | IP20            |
| Standards                                    | CE              |
| Photobiological safety group acc. to EN62778 | RG1             |

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

### Country-specific categorizations

|                 |                          |
|-----------------|--------------------------|
| ILCOS           | DRSGT/F-7/827-230-E27-41 |
| Order reference | LEDSSTICK60 8W/          |

### Energy labelling regulation data acc EU 2019/2015

|                                                     |              |
|-----------------------------------------------------|--------------|
| Light source cap-type (or other electric interface) | E27          |
| Correlated colour temperature type                  | SINGLE_VALUE |
| Length                                              | 114.00 mm    |
| Height                                              | 40.40 mm     |
| Width                                               | 40.40 mm     |

### DOWNLOAD DATA

| DOWNLOAD DATA                                                                      |                                   |
|------------------------------------------------------------------------------------|-----------------------------------|
|  | PRODUCT DATASHEET                 |
|  | Declarations of conformity        |
|  | IES file (IES)                    |
|  | zIES data (archived) - do not use |



## DOWNLOAD DATA



zEulumdat (archived) - do not use

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075059177 | Folding box<br>1             | 41 mm x 49 mm x 155 mm               | 44.00 g      | 0.31 dm <sup>3</sup> |
| 4058075428508 | Folding box<br>1             | 41 mm x 49 mm x 155 mm               | 44.00 g      | 0.31 dm <sup>3</sup> |
| 4058075815933 | Blister<br>1                 | 45 mm x 140 mm x 120 mm              | 49.00 g      | 0.76 dm <sup>3</sup> |
| 4058075585799 | Shipping box<br>6            | 144 mm x 111 mm x 131 mm             | 315.00 g     | 2.09 dm <sup>3</sup> |
| 4058075586116 | Shipping box<br>6            | 144 mm x 111 mm x 131 mm             | 315.00 g     | 2.09 dm <sup>3</sup> |
| 4058075059184 | Shipping box<br>10           | 226 mm x 111 mm x 131 mm             | 483.00 g     | 3.29 dm <sup>3</sup> |
| 4058075428515 | Shipping box<br>10           | 226 mm x 111 mm x 131 mm             | 510.00 g     | 3.29 dm <sup>3</sup> |
| 4058075815940 | Shipping box<br>6            | 285 mm x 153 mm x 136 mm             | 362.00 g     | 5.93 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

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

