

PRODUCT DATASHEET

LED STAR CLAS A 75 FR 10 W/4000 K E27

LED STAR CLASSIC A | LED lamps, classic bulb shape



Areas of application

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Low energy consumption
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

Product features

- LED alternative to conventional lamps
- Mercury-free lamps



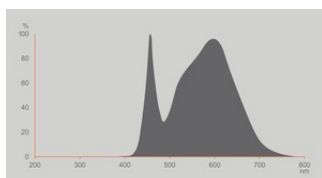
TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Nominal wattage | 10 W |
| Construction wattage | 10.00 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 75 W |
| Nominal current | 84 mA |
| Type of current | AC |
| Inrush current | 10 A |
| Operating frequency | 50...60 Hz |
| Mains frequency | 50...60 Hz |
| Max. lamp no. on circuit break. 10 A (B) | 92 |
| Max. lamp no. on circuit break. 16 A (B) | 147 |
| Total harmonic distortion | 150 % |
| Power factor λ | > 0.50 |

Photometrical data

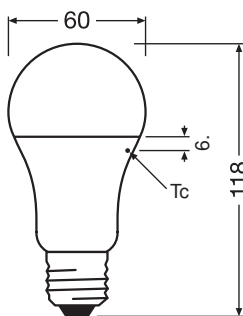
| | |
|---|--------------|
| Luminous flux | 1055 lm |
| Nominal useful luminous flux 90° | 1055 lm |
| Luminous efficacy | 105 lm/W |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Cool White |
| Color temperature | 4000 K |
| Color rendering index Ra | ≥ 80 |
| Light color | 840 |
| Standard deviation of color matching | ≤ 6 sdc |
| 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 | 118.00 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 | 100 °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 ¹⁾ |
| Energy consumption | 10.00 kWh/1000h |
| Type of protection | IP20 |
| Standards | CB / CE / ERP |
| Photobiological safety group acc. to EN62778 | RG0 |

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



Country-specific categorizations

| | |
|-----------------|-----------------------------|
| ILCOS | DRAA/F-9/840-220-240-E27-60 |
| Order reference | LEDSCLA75 10W/8 |

Energy labelling regulation data acc EU 2019/2015

| | |
|---|------------------------|
| Light source cap-type (or other electric interface) | E27 |
| Correlated colour temperature type | SINGLE_VALUE |
| Length | 118.00 mm |
| Height | 60.00 mm |
| Width | 60.00 mm |
| EPREL ID | 1403214,523313,1351505 |

DOWNLOAD DATA

| DOWNLOAD DATA | |
|--|-------------------------------|
|  | PRODUCT DATASHEET |
|  | Declarations Of Conformity CE |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4052899282995 | Blister 1 | 61 mm x 140 mm x 120 mm | 46.00 g | 1.02 dm ³ |
| 4058075304215 | Folding box 1 | 60 mm x 60 mm x 162 mm | 48.00 g | 0.58 dm ³ |
| 4058075588622 | Shipping box 6 | 208 mm x 135 mm x 137 mm | 387.00 g | 3.85 dm ³ |
| 4052899283008 | Shipping box 6 | 381 mm x 153 mm x 132 mm | 408.00 g | 7.69 dm ³ |
| 4058075304222 | Shipping box 10 | 328 mm x 135 mm x 137 mm | 480.00 g | 6.07 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.

References / Links

- For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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