

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

- Lower energy consumption than incandescent or halogen lamps
- 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





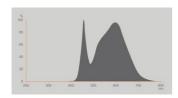
TECHNICAL DATA

Electrical data

| Nominal wattage | 10 W |
|--|----------|
| Construction wattage | 10.00 W |
| Nominal voltage | 220240 V |
| Claimed equiv. conventional lamp power | 75 W |
| Nominal current | 84 mA |
| Type of current | AC |
| Inrush current | 10 A |
| Operating frequency | 5060 Hz |
| Mains frequency | 5060 Hz |
| Max. lamp number on MCB B10 A | 92 |
| Max. lamp number on MCB B16 A | 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 sdcm |
| Rated LLMF at 6,000 h | 0.80 |

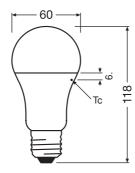


EPREL Data Spectral Diagram LEDr _4000K

Light technical data

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

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

| Number of switching cycles | 100000 |
|--|--------|
| Lumen maintenance at end of service lifetime | 0.70 |
| 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 | 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 | 1403214,523313,1351505,1857050,2192478,2505616 |

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

DOWNLOAD DATA

| | Documents and certificates | Document name | |
|-----|----------------------------|-------------------------|--|
| PDF | Declarations of conformity | Classic A_B_P 15000h FR | |

| | Documents and certificates | Document name | |
|-----|---|---|--|
| POF | Declarations of conformity | LED CLASSIC A_P NON-DIM | |
| PDF | Declarations of conformity | LED lamp | |
| PDF | Declarations of conformity UKCA | LED CLASSIC A_P NON-DIM | |
| POF | Declarations of conformity UKCA | LED lamp | |
| | Photometric and lighting design files | Document name | |
| | The terms and all and | DOUGHOIL HOLD | |
| | Spectral power distribution | EPREL Data Spectral Diagram LEDr _4000K | |

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 155 mm | 40.00 g | 0.56 dm ³ |
| 4058075588622 | Shipping box | 208 mm x 135 mm x 130 mm | 337.00 g | 3.65 dm ³ |
| 4052899283008 | Shipping box | 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.