# PRODUCT DATASHEET
# LED Star Classic A 15 Decor 2.5W 622 Yellow E27

LED STAR DÉCOR CLASSIC A | Colored LED lamps, classic bulb shape, with retrofit screw base



## Areas of application

- Indoor lighting, terraces, beer gardens and restaurants
- Energy-saving and low-maintenance use in marquees and leisure parks
- Garlands of lights
- Outdoor use in outdoor luminaires only (minimum IP65)

## Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Extremely long life
- Simple direct replacement for conventional incandescent lamps
- Low thermal output

## Product features

- LED lamps for line voltage
- Conventional light bulb shape
- Base: E27
- Not suitable for use with dimmers




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# TECHNICAL DATA

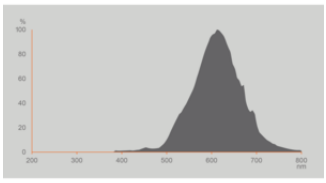
## Electrical data

| | |
|---|---|
| Nominal wattage | 2.5 W |
| Construction wattage | 2.50 W |
| Nominal voltage | 220…240 V |
| Operating mode | AC Mains |
| Claimed equiv. conventional lamp power | 23 W |
| Nominal current | 19 mA |
| Type of current | AC |
| Inrush current | 1.8 A |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Max. lamp number on MCB B10 A | 250 |
| Max. lamp number on MCB B16 A | 400 |
| Power factor λ | > 0.40 |

## Photometrical data

| | |
|---|---|
| Luminous flux | 235 lm |
| Nominal useful luminous flux 90° | 235 lm |
| Luminous efficacy | 94 lm/W |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Yellow |
| Color temperature | 2200 K |
| Color rendering index Ra | 60 |
| Light color | 622 |
| 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) | ≤0.4 |


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LEDSCLA233W622230VYEE27AC3236201

## Light technical data

| | |
|---|---|
| Beam angle | 300 ° |
| Warm-up time (60 %) | ‹ 0.50 s |
| Starting time | < 0.5 s |

## Dimensions & Weight

| | |
|---|---|
| Overall length | 105.00 mm |
| Diameter | 60.00 mm |
| Maximum diameter | 60 mm |
| Product weight | 31.00 g |

## Temperatures & operating conditions

| | |
|---|---|
| Ambient temperature range | -20…+40 °C |
| Maximum temperature at tc test point | 60 °C |

## Lifespan

| | |
|---|---|
| Lifespan L70/B50 at 25 °C | 15000 h |
| 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 | Colored |


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

| | |
|---|---|
| Type of protection | IP20 |
| Standards | CE / EAC |
| Photobiological safety group acc. to EN62778 | RG0 |

## Country-specific categorizations

| | |
|---|---|
| ILCOS | DRAA/C-4-827-220-240-E27-55 |
| Order reference | LEDSCLA23 2,5W/ |

## LOGISTICAL DATA

| | |
|---|---|
| Temperature range at storage | -20…+80 °C |

## 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 |
| Standby power | 0.00 W |
| Networked standby power for CLS | 0 W |
| Claim of equivalent power | Yes |
| Length | 105.00 mm |
| Height | 60.00 mm |
| Width | 60.00 mm |
| Chromaticity coordinate x | 0,541 |
| Chromaticity coordinate y | 0,446 |


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| | |
|---|---|
| R9 Colour rendering index | 1 |
| Beam angle correspondence | SPHERE_360 |
| Survival factor | 0.90 |
| Displacement factor | 0.40 |
| LED light source replaces a fluorescent light source | No |

## 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 | On-Pack-Info | ELR - exempt lamps |
| PDF | Declarations of conformity | LED lamps CLA,B,G,P |

| | Photometric and lighting design files | Document name |
|---|---|---|
| | Spectral power distribution | LEDSCLA233W622230VYEE27AC3236201 |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075433922 | Folding box<br>1 | 60 mm x 60 mm x 145 mm | 46.00 g | 0.52 $dm^3$ |
| 4058075603622 | Shipping box<br>6 | 202 mm x 134 mm x 120 mm | 362.00 g | 3.25 $dm^3$ |

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

## DISCLAIMER

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