# PRODUCT DATASHEET

## Vintage 1906 Mini Edison ST 45 33 Filament DIM 4.8W 822 Gold E27

Vintage 1906 LED CLASSIC EDISON DIM | Dimmable LED lamps, vintage edition, classic Edison bulb shape



### Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

### Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED "filament" technology

### Product features

- LED lamps for line voltage
- Lamp made of glass
- Lifetime up to 15,000 h
- Beam angle: up to 360°
- Dimmable



# TECHNICAL DATA

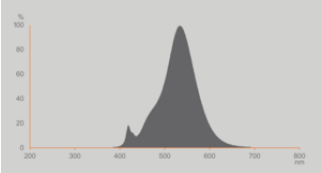
## Electrical data

| | |
|---|---|
| Nominal wattage | 4.8 W |
| Construction wattage | 4.80 W |
| Nominal voltage | 220…240 V |
| Operating mode | AC Mains |
| Claimed equiv. conventional lamp power | 33 W |
| Nominal current | 26 mA |
| Type of current | AC |
| Inrush current | 0.08 A |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Max. lamp number on MCB B10 A | 307 |
| Max. lamp number on MCB B16 A | 492 |
| Power factor λ | > 0.50 |

## Photometrical data

| | |
|---|---|
| Luminous flux | 360 lm |
| Nominal useful luminous flux 90° | 360 lm |
| Luminous efficacy | 75 lm/W |
| Lumen main.fact.at end of nom.life time | 0.93 |
| Light color (designation) | Comfort warm white |
| Color temperature | 2200 K |
| Color rendering index Ra | 80 |
| Light color | 822 |
| Standard deviation of color matching | ≤6 sdcm |
| Rated LLMF at 6,000 h | 0.80 |
| Flickering metric (Pst LM) | ≤1 |
| Stroboscope effect metric (SVM) | ≤0.4 |


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EPREL Data Spectral Diagram LEDr _2200K

## Light technical data

| | |
|---|---|
| Beam angle | 320 ° |
| Warm-up time (60 %) | ‹ 0.50 s |
| Starting time | < 0.5 s |

## Dimensions & Weight



| | |
|---|---|
| Overall length | 88.00 mm |
| Diameter | 45.00 mm |
| Maximum diameter | 45 mm |
| Product weight | 20.00 g |

## Temperatures & operating conditions

| | |
|---|---|
| Ambient temperature range | -20…+40 °C |
| Maximum temperature at tc test point | 55,6 °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 |


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| | |
|---|---|
| Mercury content | 0.0 mg |
| Mercury-free | Yes |
| Design / version | Clear |
| 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 | Yes [1)] |

1) Check dimmer compatibility at ledvance.com/compatibility

## Certificates & Standards

| | |
|---|---|
| Energy efficiency class | G [1)] |
| Energy consumption | 5.00 kWh/1000h |
| Type of protection | IP20 |
| Standards | CE |
| Photobiological safety group acc. to EN62778 | RG0 |

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

## Country-specific categorizations

| | |
|---|---|
| Order reference | 1906LEDISOND4,8 |

## 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 |
| Correlated colour temperature type | SINGLE_VALUE |


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| | |
|---|---|
| Standby power | 0 W |
| Claim of equivalent power | Yes |
| Length | 88.00 mm |
| Height | 45.00 mm |
| Width | 45.00 mm |
| Chromaticity coordinate x | 0.502 |
| Chromaticity coordinate y | 0,415 |
| R9 Colour rendering index | 1 |
| Beam angle correspondence | SPHERE_360 |
| Survival factor | 0.90 |
| Displacement factor | ≥0.5 |
| LED light source replaces a fluorescent light source | No |
| EPREL ID | 1213090 |
| Model number | AC42392,AC42392 |

## 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 | 1906 LED lamps |

| | Photometric and lighting design files | Document name |
|---|---|---|
| | Spectral power distribution | EPREL Data Spectral Diagram LEDr _2200K |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075779945 | Folding box<br>1 | 47 mm x 47 mm x 133 mm | 31.00 g | 0.29 $dm^3$ |
| 4099854091100 | Shipping box<br>6 | 153 mm x 112 mm x 147 mm | 260.00 g | 2.52 $dm^3$ |

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.


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