

## PRODUCT DATASHEET

# LED Superstar Plus Classic A 60 Filament 7W 827 E27 3step DIM

LED THREE STEP DIM CLASSIC A | LED lamps with three-step dimming



### Areas of application

- Wherever dimming was originally not planned
- Residential interiors
- Hospitality
- Outdoor use in suitable outdoor luminaires only

### Product benefits

- Easy three-step dimming by repeatedly pressing the wall switch
- Easy and cost-effective operation, no dimmer required
- Lower energy consumption than incandescent or halogen lamps
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time
- Makes rooms multi-purpose with adjustable light atmosphere

### Product features

- Dimmable in three steps: 100 %, 45 % and 15 %
- Controllable via standard wall switch
- Good quality of light; color rendering index CRI  $\geq 80$
- Mercury-free lamps



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**TECHNICAL DATA****Electrical data**

|                                        |             |
|----------------------------------------|-------------|
| Nominal wattage                        | 7 W         |
| Construction wattage                   | 7.00 W      |
| Nominal voltage                        | 220...240 V |
| Operating mode                         | AC Mains    |
| Claimed equiv. conventional lamp power | 60 W        |
| Nominal current                        | 45 mA       |
| Type of current                        | AC          |
| Inrush current                         | 0.5 A       |
| Operating frequency                    | 50/60 Hz    |
| Mains frequency                        | 50/60 Hz    |
| Max. lamp number on MCB B10 A          | 177         |
| Max. lamp number on MCB B16 A          | 284         |
| Total harmonic distortion              | 110 %       |
| Power factor $\lambda$                 | $\geq 0.50$ |

**Photometrical data**

|                                         |                           |
|-----------------------------------------|---------------------------|
| Luminous flux                           | 806 lm                    |
| Luminous efficacy                       | 115 lm/W                  |
| Lumen main.fact.at end of nom.life time | 0.93                      |
| Light color (designation)               | Warm White                |
| Color temperature                       | 2700 K                    |
| Color rendering index Ra                | 80                        |
| Light color                             | 827                       |
| Standard deviation of color matching    | $\leq 6$ sdc <sub>m</sub> |
| Rated LLMF at 6,000 h                   | 0.80                      |
| Flickering metric (Pst LM)              | $\leq 1.0$                |
| Stroboscope effect metric (SVM)         | $\leq 0.4$                |



EPREL data spectral diagram PROF  
LEDr 2700K

Light technical data

|                     |          |
|---------------------|----------|
| Beam angle          | 320 °    |
| 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   | 32.00 g   |

Temperatures & operating conditions

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

|                  |                                                                                                                                                                                                                                                                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| Added function   | Three step dim                                                                                                                                                                                                                                                                                                                               |

### Capabilities

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

### Certificates & Standards

|                                              |                |
|----------------------------------------------|----------------|
| Energy efficiency class                      | E 1)           |
| Energy consumption                           | 7.00 kWh/1000h |
| Type of protection                           | IP20           |
| Standards                                    | CE / UKCA      |
| Photobiological safety group acc. to EN62778 | RG1            |

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

### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LSCLA603XD 7W/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 |

|                                                      |                         |
|------------------------------------------------------|-------------------------|
| Claim of equivalent power                            | Yes                     |
| Length                                               | 105.00 mm               |
| Height                                               | 60.00 mm                |
| Width                                                | 60.00 mm                |
| Chromaticity coordinate x                            | 0.463                   |
| Chromaticity coordinate y                            | 0.420                   |
| 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                                             | 523115,1358093          |
| Model number                                         | AC32273,AC44588,AC44588 |

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                               |
|-------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------|
|   | Declarations of conformity  | LED lamps CLA,B,G,P                         |
|   | Declarations of conformity  | LED CLASSIC MAGNETIC                        |
| Photometric and lighting design files                                               |                             | Document name                               |
|  | Spectral power distribution | EPREL data spectral diagram PROF LEDr 2700K |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume   |
|---------------|------------------------------|--------------------------------------|--------------|----------|
| 4058075436787 | Folding box<br>1             | 60 mm x 60 mm x 145 mm               | 47.00 g      | 0.52 dm³ |
| 4058075436794 | Shipping box<br>4            | 139 mm x 134 mm x 120 mm             | 260.00 g     | 2.24 dm³ |

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075445338 | Shipping box<br>32           | 296 mm x 286 mm x 269 mm             | 1544.00 g    | 22.77 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.

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## DISCLAIMER

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