

PRODUCT DATASHEET

ST PLUS GLOW DIM GLOBE 60 6.5 W/2200... 2700 K E27

LED SUPERSTAR CLASSIC GLOBE GLOWdim | LED lamps with GLOWdim effect, classic ball shape



Areas of application

- Hospitality
- Historical buildings
- Residential interiors
- Marine lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product benefits

- Provides an especially warm light when dimmed down
- Directly controllable via standard dimmer, no remote control required
- Can be easily combined with other GLOWdim products in one application
- Very long lifetime of up to 25,000 h
- Low energy consumption
- Easy relamping thanks to compact design

Product features

- LED alternative to conventional lamps



- Dimming changes light color from warm white (2,700 K) to extra warm white (2,200 K)
- Good quality of light; color rendering index $R_a \geq 80$
- Dimmable
- Mercury-free lamps

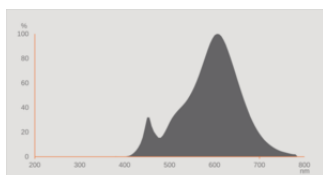
TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Nominal wattage | 6.5 W |
| Construction wattage | 6.50 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 60 W |
| Nominal current | 42 mA |
| Type of current | AC |
| Inrush current | 0.46 A |
| Operating frequency | 50...60 Hz |
| Mains frequency | 50...60 Hz |
| Max. lamp no. on circuit break. 10 A (B) | 3461 |
| Max. lamp no. on circuit break. 16 A (B) | 5538 |
| Power factor λ | > 0.70 |

Photometrical data

| | |
|---|--------------------|
| Luminous flux | 806 lm |
| Nominal useful luminous flux 90° | 806 lm |
| Luminous efficacy | 124 lm/W |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Tunable Warm White |
| Color temperature | 2200...2700 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) | 1.0 |
| Stroboscope effect metric (SVM) | 0.9 |



Light technical data

| | |
|------------------------------------|----------|
| Beam angle | 300 ° |
| Warm-up time (60 %) | < 0.50 s |
| Starting time | < 0.5 s |
| Rated beam angle (half peak value) | 300.00 ° |

Dimensions & Weight

| | |
|------------------|-----------|
| Overall length | 168.00 mm |
| Diameter | 124.00 mm |
| Maximum diameter | 124 mm |
| Product weight | 100.00 g |

Temperatures & operating conditions

| | |
|--------------------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
| Maximum temperature at tc test point | 65 °C |

Lifespan

| | |
|-------------------------------------|---------|
| Nominal lamp life time | 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 | Clear |
| Product remark | Dimmable (with many common dimmers, see also www.ledvance.com/dim) / 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 |
|----------|-----|

Certificates & Standards

| | |
|-------------------------|------|
| Energy efficiency class | E 1) |
|-------------------------|------|

| | |
|--|----------------|
| Energy consumption | 7.00 kWh/1000h |
| Type of protection | IP20 |
| Standards | CE / EAC |
| 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

| | |
|-----------------|------------------------------|
| ILCOS | DRAG/C-7/827-220/240-E27-125 |
| Order reference | LEDSG12560GD 6, |

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 | RANGE |
| Claim of equivalent power | Yes |
| Length | 168.00 mm |
| Height | 124.00 mm |
| Width | 124.00 mm |
| Chromaticity coordinate x | 0.463 |
| Chromaticity coordinate y | 0.420 |
| R9 Colour rendering index | 0.00 |
| Beam angle | SPHERE_360 |
| Survival factor | 0.90 |
| Displacement factor | 0.50 |
| LED light source replaces a fluorescent light source | not applicable |
| EPREL ID | 523228 |
| Model number | AC32280 |

DOWNLOAD DATA

DOWNLOAD DATA



PRODUCT DATASHEET
LED STAR+ CL GLOBE125 GLDFIL 60 GLOWdim 7W/827 E27

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075808942 | Folding box 1 | 140 mm x 140 mm x 236 mm | 179.00 g | 4.63 dm ³ |
| 4058075810372 | Shipping box 4 | 299 mm x 293 mm x 247 mm | 883.00 g | 21.64 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.

DISCLAIMER

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