

PRODUCT DATASHEET

DULUX S LED EM 6 W/3000 K 200 mm

OSRAM DULUX® S LED EM & AC MAINS | LED replacement for short CFLni, with 2-pin G23 base for CCG and AC mains operation



Areas of application

- General illumination within ambient temperatures from -20...+45 °C
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

Product benefits

- Quick, simple and safe replacement without rewiring
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

Product features

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Type of protection: IP20
- Lifetime: up to 30,000 h
- Single-ended two-pin plug-in G23 base



TECHNICAL DATA

Electrical data

| | |
|--|--------------|
| Nominal wattage | 6 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 11 W |
| Nominal current | 29 mA |
| Type of current | AC |
| Inrush current | 20 A |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Max. lamp no. on circuit break. 10 A (B) | 300 |
| Max. lamp no. on circuit break. 16 A (B) | 500 |
| Total harmonic distortion | $\leq 30 \%$ |
| Power factor λ | $> 0,90$ |

Photometrical data

| | |
|--------------------------------------|---------------|
| Luminous flux | 630 lm |
| Nominal useful luminous flux 90° | 630 lm |
| Luminous efficacy | 105 lm/W |
| Lumen main.fact.at end of nom.li | 0.80 |
| Light color (designation) | Warm White |
| Color temperature | 3000 K |
| Color rendering index Ra | > 80 |
| Light color | 830 |
| Standard deviation of color matching | ≤ 6 sdcm |

Light technical data

| | |
|------------------------------------|------------|
| Beam angle | 140 ° |
| Warm-up time (60 %) | < 0.50 s |
| Starting time | < 0.5 s |
| Rated beam angle (half peak value) | 140.00 ° |

Dimensions & weight



| | |
|------------------|-----------|
| Length | 234.00 mm |
| Diameter | 32.00 mm |
| Maximum diameter | 32 mm |
| Product weight | 52.000 g |

Temperatures & operating conditions

| | |
|--------------------------------------|--------------|
| Ambient temperature range | -20...+50 °C |
| Maximum temperature at tc test point | 72 °C |

Lifespan

| | |
|-------------------------------------|---------|
| Nominal lamp life time | 30000 h |
| Rated lamp life time | 30000 h |
| Number of switching cycles | 200000 |
| Lumen maintenance at end of serv | 0.80 |
| Rated lamp survival factor at 6,000 | ≥ 0.90 |

Additional product data

| | |
|-----------------------------|---------|
| Base (standard designation) | G23 |
| Design / version | Frosted |
| Show WEEE picto | Yes |

Capabilities

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

Certificates & standards

| | |
|--------------------------------------|------------------|
| Energy efficiency class | A+ ¹⁾ |
| Energy consumption | 6.00 kWh/1000h |
| Type of protection | IP20 |
| Standards | CE / EAC |
| Photobiological safety group EN62778 | RG0 |

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

Country-specific categorizations

| | |
|-----------------|-----------------|
| Order reference | DULUX S11LED 6W |
|-----------------|-----------------|

Safety advice

- Not suitable for tandem operation.
- Only suitable for temperatures of up to 45°C inside of the luminaire.
- Tc point is located below the LED module on the back side of the lamp.

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075558069 | Folding box 1 | 35 mm x 21 mm x 241 mm | 83.00 g | 0.18 dm ³ |
| 4058075558076 | Shipping box 10 | 111 mm x 76 mm x 252 mm | 902.00 g | 2.13 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.