

## PRODUCT DATASHEET

### LED Eco Classic B 40 4.9 W/6500 K E14

LED Eco Classic B SO | LED lamps with recycled plastic



#### Areas of application

- Domestic applications
- General illumination
- Atmospheric accent lighting throughout the home

#### Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

#### Product features

- LED alternative to conventional lamps
- Mercury-free lamps



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## TECHNICAL DATA

### Electrical data

|                                        |            |
|----------------------------------------|------------|
| Nominal wattage                        | 4.9 W      |
| Construction wattage                   | 4.90 W     |
| Nominal voltage                        | 230 V      |
| Claimed equiv. conventional lamp power | 40 W       |
| Nominal current                        | 50 mA      |
| Operating frequency                    | 50...60 Hz |
| Mains frequency                        | 50...60 Hz |
| Power factor $\lambda$                 | 0.55       |

### Photometrical data

|                                         |                           |
|-----------------------------------------|---------------------------|
| Luminous flux                           | 470 lm                    |
| Luminous efficacy                       | 95 lm/W                   |
| Lumen main.fact.at end of nom.life time | 0.93                      |
| Light color (designation)               | Cool Daylight             |
| Color temperature                       | 6500 K                    |
| Color rendering index Ra                | 80                        |
| Light color                             | 865                       |
| Standard deviation of color matching    | $\leq 6$ sdc <sub>m</sub> |

### Light technical data

|                     |               |
|---------------------|---------------|
| Beam angle          | 180 °         |
| Warm-up time (60 %) | $\leq 0.50$ s |
| Starting time       | $< 0.5$ s     |

### Dimensions & Weight

|                  |          |
|------------------|----------|
| Overall length   | 96.00 mm |
| Diameter         | 37.00 mm |
| Maximum diameter | 37 mm    |
| Product weight   | 15.00 g  |

### Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
|---------------------------|--------------|

### Lifespan

|                                              |         |
|----------------------------------------------|---------|
| Lifespan L70/B50 at 25 °C                    | 15000 h |
| Number of switching cycles                   | 100000  |
| Lumen maintenance at end of service lifetime | 0.93    |

### Additional product data

|                             |                                            |
|-----------------------------|--------------------------------------------|
| Base (standard designation) | E14                                        |
| Mercury content             | 0.0 mg                                     |
| Design / version            | Frosted                                    |
| Product remark              | Plastic housing material with PC diffuser. |

### Capabilities

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

### Certificates & Standards

|                                              |                      |
|----------------------------------------------|----------------------|
| Energy efficiency class                      | F                    |
| Energy consumption                           | 5.00 kWh/1000h       |
| Standards                                    | CE / EMC / IEC 62612 |
| Photobiological safety group acc. to EN62778 | RG0                  |

### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LECOCLB40 4,9W/ |
|-----------------|-----------------|

### Energy labelling regulation data acc EU 2019/2015

|                                                     |              |
|-----------------------------------------------------|--------------|
| Light source cap-type (or other electric interface) | E14          |
| Correlated colour temperature type                  | SINGLE_VALUE |
| Length                                              | 96.00 mm     |
| Height                                              | 37.00 mm     |
| Width                                               | 37.00 mm     |
| R9 Colour rendering index                           | 1            |
| Displacement factor                                 | >0.5         |
| EPREL ID                                            | 1838234      |
| Model number                                        | AC56450      |

### Safety advice

- Not suitable for enclosed/closed or very tight luminaires.
- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854418433 | Folding box<br>1             | 38 mm x 38 mm x 102 mm               | 22.00 g      | 0.15 dm <sup>3</sup> |
| 4099854418440 | Shipping box<br>10           | 198 mm x 84 mm x 113 mm              | 279.00 g     | 1.88 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.

DISCLAIMER

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