



Caret

Squirrel Cage

Delivering an extra warm light, the CARET lamp is an ideal retrofit solution for the Edison Squirrel Cage Lamp, which will be phased out. Due to 1:1 bulb replacement no electrical modifications are required.

It is particularly suited for use in both classic and modern fixtures, where the lamp is prominently visible at all times.

As the lamp is dimmable, it helps to create the desired atmosphere.

Product data C0045.2 (Revision 2)



General Characteristics

Cap base	E27
Bulb	ST64
Optimal performance	Base down
Rated lifetime (hours)	25000 hrs.
Lifetime $L_{80F_{05}}$	25000 hrs.
Switching cycle	> 50.000X



Product Dimensions

Overall length	165 mm
Diameter bulb	65 mm
Casing	41 mm



Light Technical Characteristics

Color designation (text)	Extra warm white
Color rendering index	> 80
Color temperature	2300 K
Rated luminous flux	350 lumen



Product Data

Order code	8718444430292
Order and product name	CARET Squirrel Cage Lamp 230V / E27
Pieces per pack	1 pcs
Packs per outer box	15 pcs
Net weight per piece	90 gr.



Electrical Characteristics

Wattage	7,7 W
Voltage	230 V
Line frequency	50 ... 60 Hz
Power factor	0.78
Current	40 mA
Dimmable	Yes*
Starting	Soft



Environmental Characteristics

Energy efficient label	A
Lamp mercury content	2,2 mg

*see recommended dimmer list www.caretlight.eu



Warning and Safety

- ⚠ Operating temperature range is between -10 °C and +50 °C ambient.
- ⚠ Only to apply in dry or damp locations and most open fixtures with lamp holders that offer sufficient space (10 mm free air space).
- ⚠ Not intended for use with emergency light fixtures or exit lights.
- ⚠ Do not mix revision 2 (C0045.2) with revision 1 (C0045.1) in the same luminaire.



Remarks concerning Dimming

- ⚠ The Caret with dimming feature works with most conventional dimmers for incandescent lamps or halogens. Please refer to the recommended dimmer list on www.caretlight.com for further information.
- ⚠ Certain dimmer switches may cause the Caret to flicker when it is illuminated below the “optimal minimum brightness level”. The knob on the dimmer switch can be adjusted to prevent flickering.
(Note: Certain dimmer switches are equipped with a potentiometer. The potentiometer is a small device to fine-tune the setting for the desired minimum light output of the lamp without flickering.)



Clean up breakages and Disposal

- ⚠ Cleaning: follow the advice for proper clean up*
- ⚠ Disposal: follow the instructions for disposal as special waste**



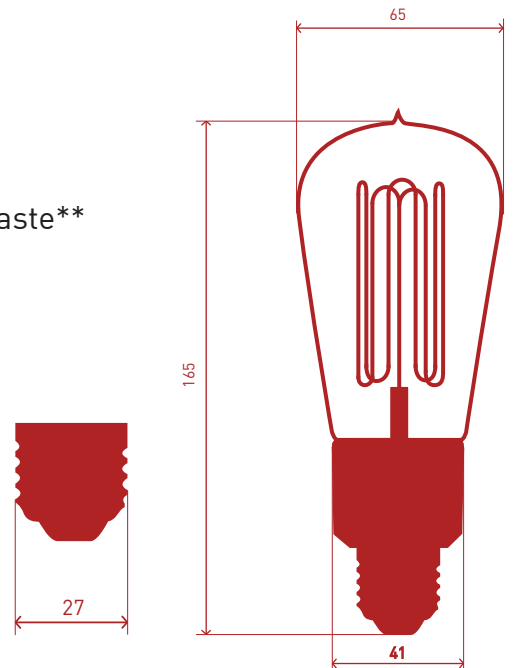
Dimensional Drawing



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Specifications are subject to change without notice.

*Breaking a lamp is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove parts, preferably with gloves. Put them in a closed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

**Compact fluorescent lamps have to be treated as special waste, they must be taken to your local waste facilities for recycling. The European Lighting Industry has set up an infrastructure, capable of recycling mercury, other metals, glass etc.