



# 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<br>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   | > 0.75          |
| Current        | 44 mA           |
| Dimmable       | Yes*            |
| Starting       | Soft (0,8 sec.) |



#### Environmental Characteristics

|                        |        |
|------------------------|--------|
| Energy efficient label | A      |
| Lamp mercury content   | 2,2 mg |

\*see recommended dimmer list [www.caretlight.eu](http://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.eu](http://www.caretlight.eu) 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\*\*



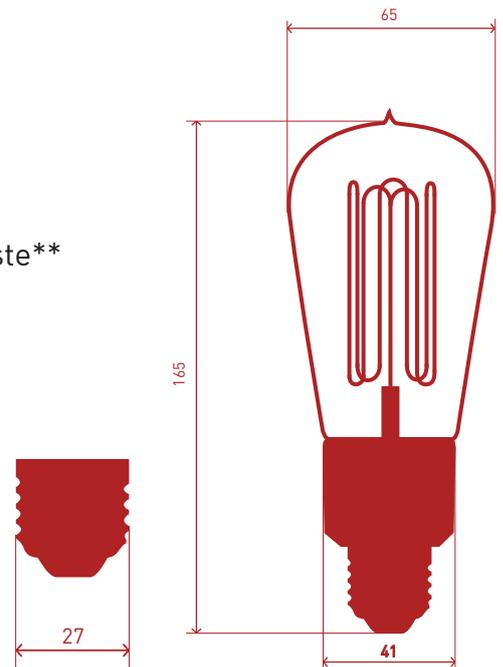
## Dimensional Drawing



## Your sales contact

NDF Special Light Products B.V.  
Leemstraat 40 - 44  
4705 RH Roosendaal  
The Netherlands

T. +31 165 538630  
F. +31 165 539053  
E. [sales@ndf.eu](mailto:sales@ndf.eu)  
W. [www.ndf.eu](http://www.ndf.eu)



[www.caretlight.eu](http://www.caretlight.eu)

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.