

PRESS INFORMATION

For mirror cabinets and light mirrors KEUCO relies on LED modules and sensor technology developed in-house

10 years availability of spare parts for KEUCO LED mirror cabinets

The use of LED lighting to save energy has been a subject of interest for some years now. Initially not particularly well liked because of their cold, bright light, they are now a top seller in all kinds of lighting. This applies to the bathroom, too. However, all LED lights are not equal. There are enormous differences in terms of quality, appearance, service life and energy consumption. Reason enough for KEUCO to take a closer look at the matter.

KEUCO mirror cabinets are valued and popular because of their good quality, durability and good spare parts service. But how is that consistent with an LED technology which one claims lasts a lifetime? What if it doesn't? KEUCO took a closer look at these questions and furnished its premium aluminium mirror cabinets with its own LED technology.

In KEUCO's new mirror cabinet models we now use our own LED modules, instead of the fluorescent lamps which were previously used. In addition to their very low energy consumption, these LED modules also have an excellent lifespan: with a minimum of 30,000 hours of operation, at optimum light yield they can last for a very long time.

The LED modules consist of a carrier strip on which the individual LEDs are fastened. The special thing here is that to obtain a uniform strip of light, the only diodes used are diodes which are very carefully sorted by colour temperature and brightness. This means that KEUCO only procures diodes which were specially selected by the supplier and harmonise with diodes of a matching colour. That is how the roughly 7 to 35 cm long LED strips are produced with homogeneous colour and brightness – i.e. with matching appearance.

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The number of LED modules joined together by plug connectors and installed varies, depending on the size of the mirror cabinet. These LED strips with plug connectors have a tremendous upside for KEUCO customers: even years later they can still be replaced by a qualified electrician. With that, the spare parts service that KEUCO customers value so greatly is also available for LED technology: guaranteed for 10 years!

But that is not all. In recent years LED technology has gathered pace. Both the dimming as well as the changing of the light colour are exclusive features of LEDs. This is good news for bathroom customers, because now they can generate different atmospheric lights in the bathroom. This is easy to accomplish: all it takes to add atmosphere to the bathroom is a new mirror cabinet, such as the ROYAL LUMOS. From cosy warm-white light at 2700 K right to daylight white light at 6500 K, the KEUCO mirror cabinet offers any option for any time of day and mood – whether it is the daily shave or the relaxed bath.

And thanks to the separate light sources, the customer can choose the perfect light for either the whole room, for the face, or just for the fitting, each individually.

Using KEUCO's specially developed sensor controls it is also possible to adjust the light source, light intensity and light colour: on-off, bright-dim, warm-cold.

So with KEUCO mirror cabinets every wish is granted.

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KEUCO LED technology summarised (ROYAL LUMOS):

Light intensity:	Stepless dimming
Light colour:	Stepless adjustment from warm white 2700 K to daylight white 6500 K
Appearance:	Homogeneous light-emitting diodes produce uniformly bright light
Lifespan:	Low heat generation together with consistent light characteristics ensures long LED life spans; approx. 30,000 hours of operation
Replaceability:	LED strips with plug connectors can be replaced by a qualified electrician

KEUCO quality assurance:

- Excellent quality and workmanship
- 5 years guarantee
- 10 years availability of spare parts



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Photos:



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KEUCO_LED_LUMOS_1.1.jpg



KEUCO_LED_LUMOS_1.2.jpg

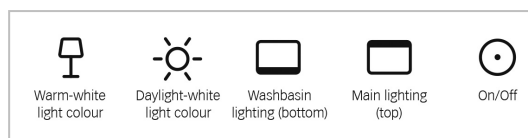
KEUCO sets new standards with specially developed LED lights. For example, on the ROYAL LUMOS mirror cabinet the LED lighting can be dimmed and the light colour adjusted in an infinite number of steps: From a 6500 K daylight white light, ideal for daily care, right to a 2700 K warm-white light, ideal for the perfect evening makeup or an atmospheric bathing ambience.



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KEUCO_LED_LUMOS_3.2.jpg

A sensor-controlled panel is used to operate the ROYAL LUMOS.