



These instructions are designed for the installation engineer to assemble the product and for the user to operate and maintain it. After installation, please pass them on to the user for safekeeping.

Symbols and their meaning



Caution! Warning of personal injury or material damage



Caution! Warning of electric shock.



Caution! Warning of water damage.



Note, tip or reference



Correct assembly/functional test



Incorrect assembly



On/off switch

Safety Information



- The electrical installations must be undertaken by a specialist electrical installer in compliance with IEC 60364-7-701/VDE 0100 Part 701! National and local regulations must be taken into consideration!
- Do not start the appliance if it or the power supply cable is damaged, but have it replaced by the manufacturer, its customer service or by an equally qualified person.
- It must be ensured that the wall can support the weight of the mirror.

Intended use

As a mirror with dimmable lighting for use in wet rooms such as bathrooms and toilets.



The product is suitable only for mounting indoors!



Caution! Only install in frost-free rooms.



Declaration of conformity! This product complies with the requirements of the valid EU Guidelines. The declaration of conformity for this product can be requested from the following address:

KEUCO GmbH & Co. KG, Oesestraße 36,
D-58675 Hemer.

Technical data

- Supply voltage: 230 V AC / 50 Hz
- Max. power consumption:

Prod. No.:	Width	Weight	Light
12811 1713XX:	650 mm	19 kg	30 W
12812 1713XX:	800 mm	23 kg	30 W
12813 1713XX:	1000 mm	28 kg	30 W

- Protection category: IP20
- Ambient conditions:

Temperature	5° – 40° C
Luminous colour	3000 Kelvin

Mounting dimensions, see page 2.

Modes

Circuit diagram, see figure 1 on page 12.



The device can be operated in two modes.

Mode 1 (ex works):

Lighting On/Off at the device button (Off automatically after power returns).

Mode 2:

Lighting On/Off at the external light switch (Off automatically after power returns).

To change mode, see table under **Operation**:

Installation, see figure 2 onwards on page 12.

Operation

Button functions

Button	Function
	Light on/off <ul style="list-style-type: none"> • Pressing the button switches the mirror on with the selected settings. The white LED goes off. • Pressing the button again switches the mirror off. The white LED lights up.
	To change mode <ul style="list-style-type: none"> • Switch off the reflector. • Press the button and hold it down for 15 seconds. <ul style="list-style-type: none"> - The light comes on again if the mode has been changed. Repeat the procedure described to re-enable mode 1.
	<ul style="list-style-type: none"> • The white LED can be deactivated. – Switch on the mirror. – Press and hold the button for 15 seconds. <ul style="list-style-type: none"> - The lighting gets lighter or darker. - The lighting switches off briefly and the white LED is deactivated. To switch the white LED back on, repeat the described procedure.
	Dimming the lighting <ul style="list-style-type: none"> • Press the button when the mirror is switched on and hold until the desired brightness or the end value has been reached. The setting is stored and reproduced when switched on again (only for connection type 1, see figure 1 on page 12).

Replacement parts with order numbers, see page 15.



The light sources may only be replaced by the manufacturer, its customer service or by an equally qualified person.



For information about warranty and maintenance, see the enclosed **Maintenance and Warranty Passport**.



Disposal information! Equipment with this labelling must **not** be disposed of in household refuse, but must be disposed of at a collection centre intended for this purpose.