

Colorlight-HELARIUM with wood-frame Types BE4 und BE6



BE 4



BE 6 – with 2 BIOLUX – Daylight-lamps

 made
in
Germany



Installation and Operating Instruction

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Dear customer,
with this product you have acquired a high-quality technical device „Made in Germany“. These installation and operating instructions have been prepared for your information. Pay special attention to the „Important notes“. We wish you a relaxed and a diverse experience bathing.

Intended use

This device is only intended for the use and for the purpose as lighting source for sauna facilities, Infrared-cabins and similar wellness rooms determined.

Any other use over and above the intended purpose is not considered as appropriate use!

Intended use also includes compliance with these installation and operating instructions.

For deviating, unauthorized changes and resulting damage the manufacturer is not liable!

The risk is borne solely by the polluter.

General Note:

Colorlight – beneficial effects on the organism and psyche.

The LIGHT – The source of life.

The normal daylight of the sun, which is the basis of every life on earth, is composed of six colors, as verified by the spectral analysis.

There are 4 basic colors and 2 mixed colors.

Spectral colors: Red, Yellow, Green, Blue

Mixed colors: Orange (red + yellow), Violet (blue + red)

The effect of the light vibrations of the individual spectral colors on the human organism can be demonstrated experimentally.

By using these specific spectral colors, the knowledge of color theory finds its practical application.

Lang's Colorlight-HELARIUM stimulates the vegetative nervous system and the psyche, and contributes to general well-being when used in a targeted manner.

Effects of colors:

RED – The color of vitality and emotionality.

Red is supposed to stimulate all energy deficiency states, and should therefore have an invigorating effect.

YELLOW – The color of the sun.

Yellow is supposed to create a warm and comfortable feeling and give strength and energy.

GREEN – The color of the nature.

Green is supposed to have a balancing effect and stands for satisfaction, harmony and hope.

BLUE – The color of the sky and the water.

Blue symbolizes cold and arousal-free rest and is supposed to have a calming and relaxing effect.

Colorlight-HELARIUM BE6 – with 2 BIOLUX-Daylight-lamps:

BIOLUX – Daylight-spectral-lamp – imitates the normal daylight. Promotes general well-being, also for use in jet lag or winter depression.



Recycling

Devices that will not be used any longer have to be handed in a recycling station according to regulation 2012/19/EU.

→ Do not dispose with the normal household waste.



Important notes



Incorrect installation may cause the danger of fire!
Please read these installation and operating instructions carefully. Please pay especially attention to the dimensions and the following notes.

- The device is not intended to be used by persons with limited physical, sensory or mental capabilities or for lack of experience and / or lack of knowledge unless they are supervised or advised by a person responsible for your safety to use it.
Children must always be supervised.

- The electrical installation may be done only by a qualified Electrical technician.

- A suitable control device must be used to control the Colorlight device.

- By installing the Colorlight device, it is essential to ensure that it is not installed in the direct radiation area of the sauna heater or sauna vaporizer.

- The Colorlight device is equipped with a safety glass pane. Never operate the device with a defective pane.

- The device must be disconnected from the mains for all installation / maintenance and repair work. (e.g. switch off fuses.)

- Always observe the specifications and instructions of the control unit manufacturer and the cabin manufacturer.

Maintenance / changing of the lamps:

Carefully loosen the wooden frame from the cabin ceiling with the screws, please make sure that the glass pane does not fall out and down of the device or wooden frame.

The color lamps can be changed by turning them.

The ignition starter, which is placed below the lamp, may also need to be replaced.



Caution! >> Before starting any maintenance, the device must always be disconnected from the mains by a specialist! <<

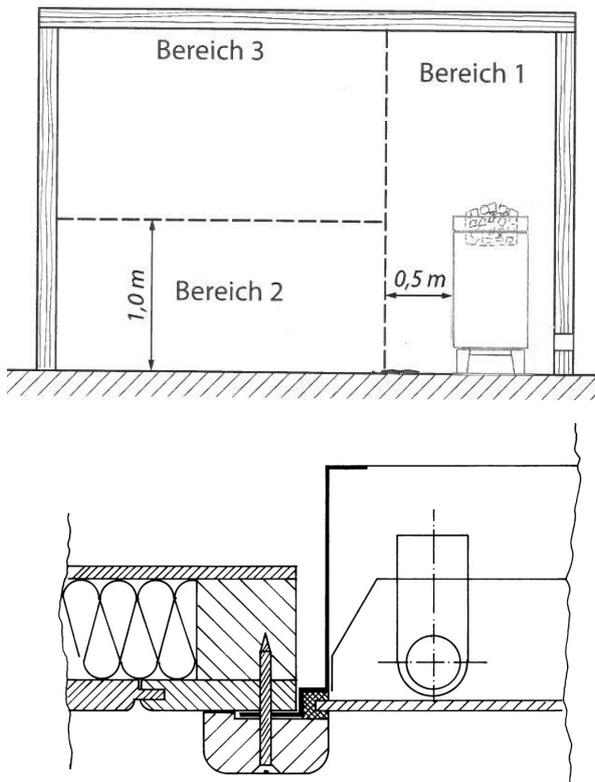
If necessary, we recommend concluding a maintenance contract with your sauna manufacturer or specialist dealer.

Original spare parts are available from your dealer.

Attention! If cleaning any sharp-edged components, self-protection action must be taken.

Mounting

Make a rectangular ceiling cut-out at the place of installation on the basis of the built-in size. (See table – Last side!)



The Colorlight device may only be installed in the ceiling of a sauna cabin in areas up to 110°C (area 3).

Installation directly above or in the surrounding area (area 1) of the sauna heater or sauna vaporizer is prohibited. See illustration beside.

Put the Colorlight with the wooden frame on top at a soft base (blanket). Remove the wooden frame by the 4 or 6 screws and take careful the glass pane with the silicon-profile out of the disk groove.

Mount the casing of the Colorlight by the wooden screws through the fixing holes in the cabin ceiling. Make sure that the screws are fixed in a solid ground and a falling out of the Colorlight unit is not possible. Put the ca. 6 meter preassembled silicone connecting cable to the control unit.

It is particularly important to ensure that the Colorlight device is sufficiently ventilated and that it is not covered or enclosed at the top. Heat build-up in the device can cause a fire and lead to increased wear of the electrical parts.

Mount the wooden frame with the safety-glass pane by the 4 or 6 screws directly on the cabin ceiling. Take care that the safety-glass pane with the silicon-profile is sitting in the disk groove of the device and the casing edges is into the countersink of the wooden frame.



Electrical connection

- The sauna equipment (heater, control unit, lighting, etc.) with a fixed mains power connection, may be installed only by a certified electrician, taking into account the applicable regulations, protective rules, and according to the installation instruction of the control unit manufacturer!
- The connection wiring for the Colorlight device and all electrical installation lines inside the sauna cabin must be silicon wires suitable for a temperature at least 170°C.
- Connect the Colorlight device with the preassembled silicone cable as shown in the table at the control unit. (Type BE 4 → 5 = unassigned / Type BE 6 → 5 = BIOLUX)
If there is no free connection for the BIOLUX-lamps (5) on the control unit, the BIOLUX-lamps can also be switched to the sauna light connection or to a separate connection switch (on / off).

CAUTION! Always connect the neutral (N) conductors!

- Connect the control unit to the mains. → Observe Instructions for the control unit manufacturer!



Caution!

- The Colorlight device must not be installed in the direct radiation area (area 1) of the sauna heater or sauna vaporizer.
- The minimum distance between the Colorlight device and the sauna heater or vaporizer must be 0,5 meter!
- Do not cover or enclose the top of the Colorlight. This restricts the ventilation and may cause excessive temperatures.
→ **Danger of fire!**
- The Colorlight device has a security glass pane. → Do not operate the device with a faulty glass pane!

Line marking:

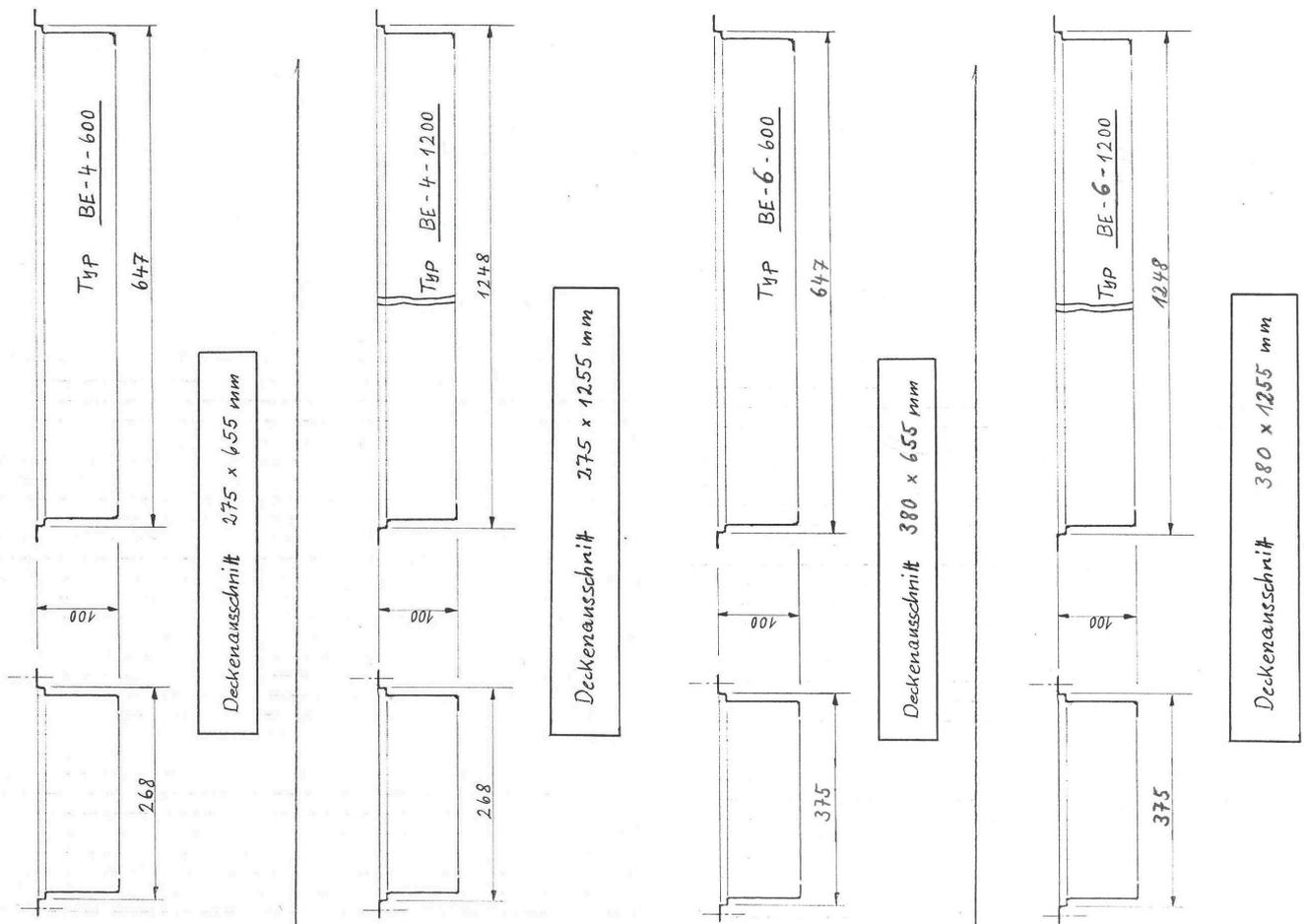


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|-------------------|
| = PE (ground) |
| 1 = RED |
| 2 = YELLOW |
| 3 = GREEN |
| 4 = BLUE |
| 5 = --- / BIOLUX |
| 6 = N (neutral) |

Technical Data:

| Device | Type | Lamps | Lamp length/ power | Dimension in mm Length x Width x Height | Watt | Electric connection | Connection- wire |
|--------------------|-------------|-------|-----------------------|-------------------------------------------------|------|------------------------|----------------------------------|
| Small Execution | BE 4 – 600 | 4 | 600 mm / 18 W | 647 x 268 x 100 Ceiling cut-out: 275 x 655 | 80 | 230V – AC | SIHF 7 x 0,75 mm ² |
| | BE 6 – 600 | 6 | | 647 x 375 x 100 Ceiling cut-out: 380 x 655 | 110 | | |
| Large Execution | BE 4 – 1200 | 4 | 1200 mm / 36 W | 1248 x 268 x 100 Ceiling cut-out: 275 x 1255 | 160 | 230V – AC | SIHF 7 x 0,75 mm ² |
| | BE 6 – 1200 | 6 | | 1248 x 375 x 100 Ceiling cut-out: 380 x 1255 | 220 | | |

Ceiling cut-out for Colorlight-HELARIUM:



In the event of deviation or disregard of our installation and operating instructions and any damage attributable to it, any liability is excluded and our guarantee obligation expires.
Please always observe the operating and installation instructions of the control unit manufacturer.