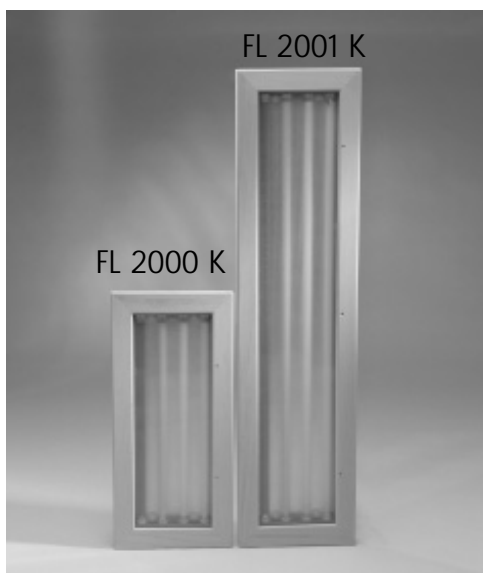


Installation and User's Guide

FL 2000 K / FL 2001 K



GB

CE IP x4

Important Notes

Improperly installed hardware can present a fire hazard! Please read this installation guide thoroughly. It is especially important to consider applicable dimensions and observe the following instructions:

- The colored light unit is designed for a supply voltage of N 230 V AC via colored light control unit.
- Only an expert may install and connect the colored light unit, control unit and other electrical equipment. In this respect it is especially important to meet the required safety precautions by VDE 0100 v. § 49 DA/6 and VDE 0100 Part 703/2006-2 § 4.
- The control unit FL 45 is must be used to control the colored light unit. Affix this control unit in an appropriate location to the **outside wall** of the cabin.
- **WARNING!** Never mount the unit directly over the oven in the cabin ceiling or on the cabin wall.
- The unit is equipped with a safety glass panel. Never operate the unit with a broken safety glass panel.
- **Only a locally certified electrician may hard-wire the sauna system (sauna oven, control unit, lighting, etc) to the power supply.** All connecting lines laid on the inside of the sauna cabin must be able to withstand a surrounding temperature of at least 140°C. Silicone lines are recommended for practical purposes.
- **WARNING:** Do not cover rear side of unit with insulating material (rock wool, etc.) so as not to create an accumulation of heat.

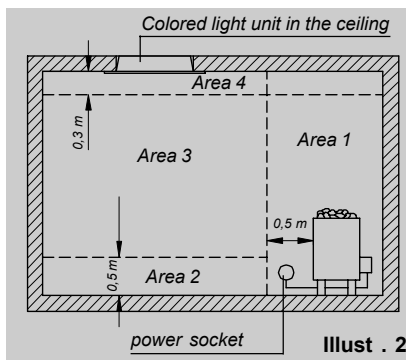
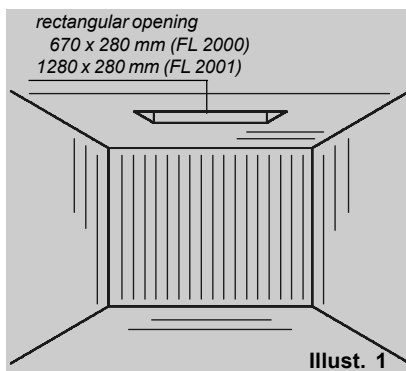
Installation

Installation inside the cabin unit

To facilitate this, it is necessary to cut a rectangular opening of 670 x 280 mm into the ceiling of the cabin for the small colored light unit (FL 2000) as in Illust. 1. For the larger colored light unit (FL 2001) you will need an opening of 1280 x 280 mm.

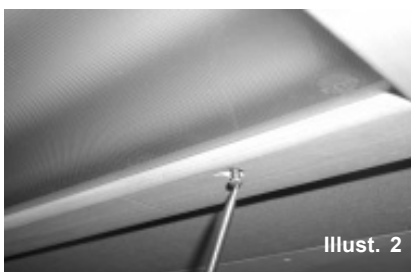
The installation inside the cabin unit must not be carried out in the area 1 of the cabin (illustr. 2)!

In case of installation beneath the ceiling, the colored light unit only has to be installed in the areas 2 and 3 (illustr. 2).



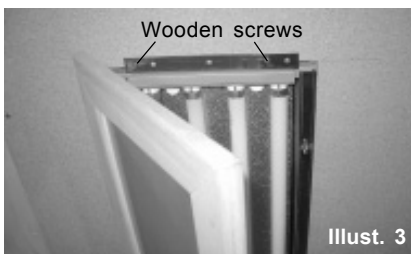
Installation

Release the quick release fastener screws (illust. 2) and open the stillage.

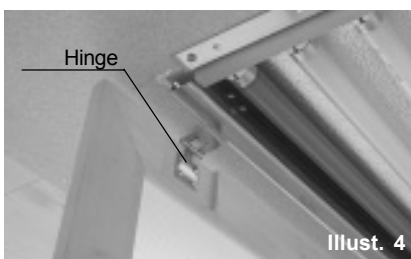


Illust. 2

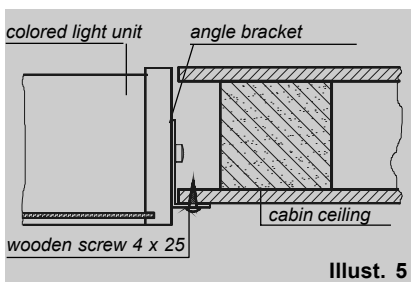
Insert the unit bottom-up into the rectangular opening and fix the unit at the lateral angle brackets with each two wooden screws 4 x 25 (illustr. 3 to 6).



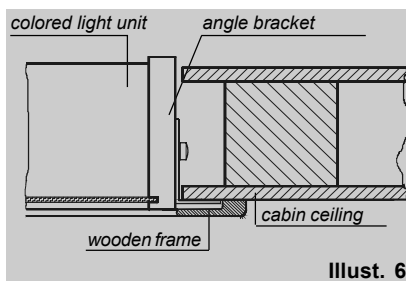
Illust. 3



Illust. 4

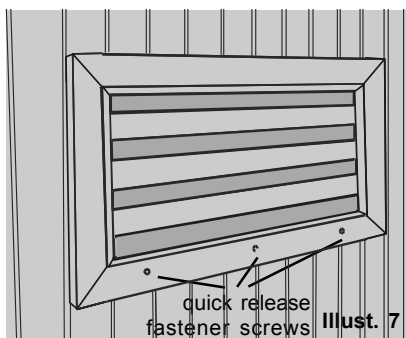


Illust. 5



Illust. 6

Shut the stillage afterwards and tighten the quick release fastener screws (illust 7).

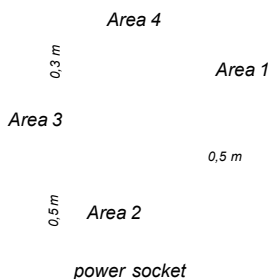


Illust. 7

Installation

Installation on the cabin wall

You may only install the unit on the cabin wall in areas 2 and 3 inside the cabin (Illust. 8).



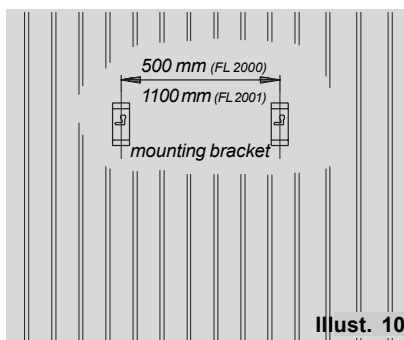
Illust. 8

To accomplish this, remove the angle brackets on each side (Illust. 9), since they are not needed for installation on the cabin wall.

angle bracket

Illust. 9

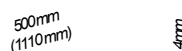
Mount the two included mounting brackets on the wall, leaving a horizontal distance of 500 mm (for type FL 2000) or 1110 mm (for type FL 2001) respectively between them (Illust. 10)



Illust. 10

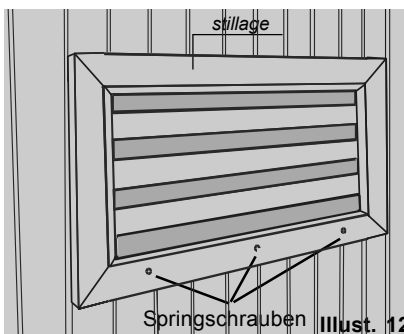
Unscrew the mounting screws on the rear side of the unit somewhat, so as to create a 4 mm gap between housing and the screw head (Illust. 11).

mounting screw



Illust. 11

Now insert the unit with the mounting screws into the holes in the mounting brackets and snap it into place by pushing it sideways. Fasten the unit with the two wooden strips (Illust. 12).



Illust. 12

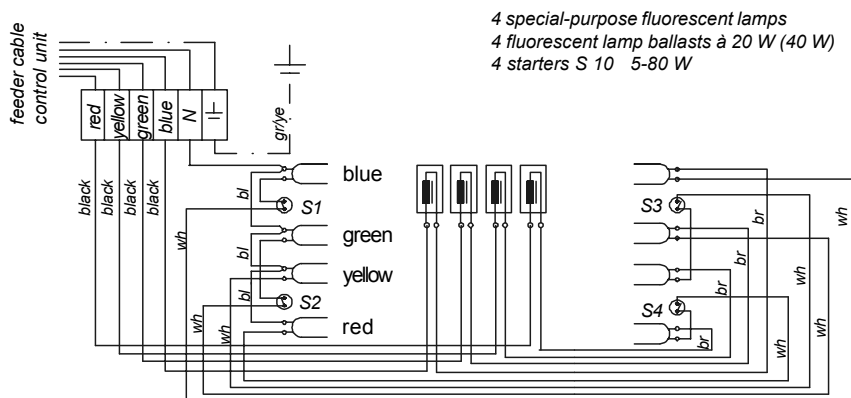
Start-up

Start operation of the colored light unit with the control unit, type 45 FL. To accomplish this, refer to the manual of the control unit.

Connect the control unit according to the wiring diagram below.

color coding: green/yellow = PE
 1 = N
 2 = red
 3 = yellow
 4 = green
 5 = blue

Wiring diagram for type FL 2000 K / FL 2001 K with control unit 45 FL



Replacing lamps and starters

WARNING! Use only original manufacturer's replacement parts.

Release the quick release fastener screws and open the stillage.

Now you can change the lamps and/or the starters. The lamps and starters can be removed by unscrewing them from their sockets.

Now insert the new lamps or starters into the sockets and turn them about 90 degrees. Shut the stillage afterwards and tighten the quick release fastener screws

Performance data

FL 2000 K

4 special-purpose fluorescent lights,
18 W each

voltage: 230 V AC N 50 Hz

power consumption: 80 W

FL 2001 K

4 special-purpose fluorescent lights,
36 W each

voltage: 230 V AC N 50 Hz

power consumption: 160 W

Both colored light units must be operated with the colored light control unit 60FL, ECON F1 or EMOTEC C55.

Effect of the colors

The emotional effects of the colors are perceived through the eyes. From there the color rays are relayed by a series of complex processes to the brain and unfold their effects in form of certain impressions and energies.

Neural color reception leads to an activation of the immune system. Depending on the color, specific physical systems are addressed and activated.

The **physical** absorption essentially takes place through direct color exposure to the skin.

The **chemical** absorption takes place in the gastrointestinal tract by ingestion of various colorful foods.

BLUE, the color of sky and water, is associated with yearning, vastness and cold. The cold slows down bodily functions. This is the reason why blue is said to have a soothing and relaxing effect and to help in cases of nervous disorders, insomnia, uneasiness and fearful states.

GREEN is the color of nature. Green light soothes and inspires at the same time and helps recuperation and regeneration. Green light is thought to positively influence the lungs and the respiratory system and be helpful for nervous conditions, headaches and joint inflammations.

YELLOW is said to promote positive attitudes and general wellness. Yellow colors can stimulate and strengthen nerves as well as dissipate gloom and melancholy and counteract stomach and intestinal disorders as well.

RED is associated with fire and blood. It is the color of activity, vitality and warmth. Red is said to stimulate blood flow and thus increase well-being and vitality.

Guarantee

Guarantee

The guarantee is taken over according to the legal regulations at present.

Manufacturer's warranty

- The period of warranty starts from the date of purchase and lasts up to 2 years for commercial use and 3 years for private use.
- Always include the completed warranty certificate when returning equipment.
- The warranty expires for appliances which have been modified without manufacturer's explicit agreement.
- Damages caused by incorrect operation or handling through non-authorized persons are not covered under the terms of warranty.
- In the event of a claim, please indicate the serial number as well as the article code number and type name with expressive description of the fault.
- This warranty covers damaged parts but no defects due to wear and tear.

In case of complaint please return the equipment in its original packaging or other suitable packaging (caution: danger of transport damage) to our service department. Always include the completed warranty certificate when returning equipment. Possible shipping costs arising from the transport to and from point of repair cannot be borne by us.

Outside of Germany please contact your specialist dealer in case of warranty claims. Direct warranty processing with our service department is in this case not possible.

Equipment start-up date:

Stamp and signature of the authorized electrician:

Service address:
EOS-WERKE Günther GmbH
Adolf-Weiß-Straße 43
35759 Driedorf, Germany
Tel. +49 (0)2775 82-0
Fax +49 (0)2775 82-431
servicecenter@eos-werke.de
www.eos-werke.de