

saas sauna basic

INSTRUCTIONS



SAAS SAUNA BASIC PACKAGE INCLUDES:

- > Glass fiber bundle
 - 2 pcs 2,5m (2mm)
 - 2 pcs 3,0m (2mm)
 - 2 pcs 4,0m (2mm)
 - 1 pc 5,0m stove fiber (3mm)
- > Glass fiber projector 10W LED IP54
- > Power supply 350mA / 230V IP20 DIM
- > 6 pcs fiber holders MH12
- > 1 pc sauna stove lens LMH15

INSTALLING THE PROJECTOR

Choose a suitable location for your projector somewhere outside of the steam room. Make sure that the fibres of the sauna set are sufficiently long to reach the desired location. The projector can also be installed inside the steam room if the power supply is properly encased in an IP54-compliant case. However, installation inside the steam room must not be more than one metre above the floor.

Install the projector with the fibre head output pointing either to the side or downwards.

Secure the projector with screws using the mounting holes. Push the joint end of the optical fiber bundle as deep into the projector as it goes. Lock in the joint head with a locking screw.

DIMMING THE PROJECTOR

The projector can be dimmed using either a 1-10V signal, a potentiometer, or a push-button switch.

1-10 V control signal:

Control using an external controller; the light will go out with a 1V signal.

Potentiometer:

With a 100K ohm potentiometer, we recommend a logarithmic potentiometer to obtain a more flexible range of adjustment.

Push-button function:

Press for under a second; the lights will turn on. By pressing for over a second, the lights will be dimmed, and with a second press, they will brighten again.

Note!

Do not change the power supply's DIP switch position (Max. 350ma)!

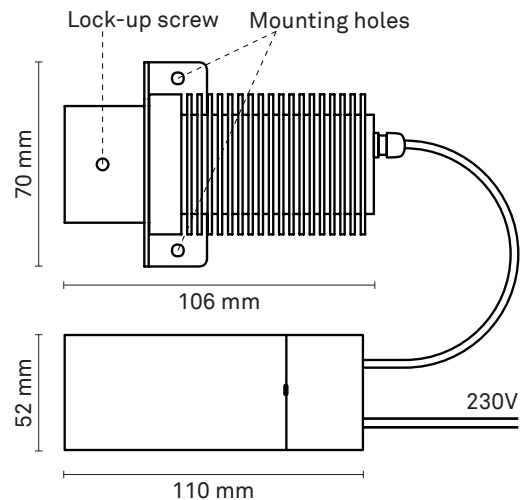
INSTALLING THE OPTICAL FIBRES

Select the desired locations of light points. Check that the fibres reach the desired points and determine the placement of points.

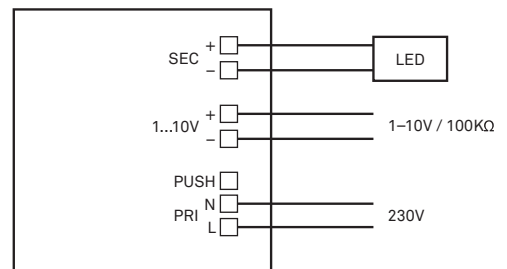
Fiber optic cables do not require separate piping but can be drawn directly through insulation wool. Make sure that the fiber optic cables are not pinched or bent too sharply ($r = 15\text{mm}$). Handle fiber optic cable gently! If the fiber optic cable is damaged, its light conductivity weakens.

Drill a 12 mm hole for the fibres (15mm for the stove lens) and place the fibre through the hole. Install the fiber optic cable end by pushing it to the bottom of the mounting anchor. The end of the optical fibre should remain within approximately 1 mm distance of the edge of the mounting anchor. Lock the optical fiber cable end in the mounting anchor with the locking spring inserted into the groove on the mounting anchor. With the LMH15 stove lens, the end of the fiber optic cable is locked in using the locking screw on the side of the lens anchor.

Insert the mounting anchor into the mounting hole where it will fasten using the spring around it.



1-10V signal / 100KΩ potentiometer



Switch dim

