

Lift cabin ceilings

110



Mounting example: Cabin ceiling, brushed stainless steel

Important advice!

The production and delivery of the cabin ceilings is made exactly to your specifications of the dimensions. When planning please consider potential diminutions e.g. because of shadow gaps.

When ordering the following specifications are necessary:

- External dimensions of the ceiling: Length x width
- Material frame: (Standard stainless steel, grain 240)
- Light colours: Choice see table on the right
- Integrated emergency light: yes / no
- Dimmer: yes / no
- Panel for protection (VSG): yes / no

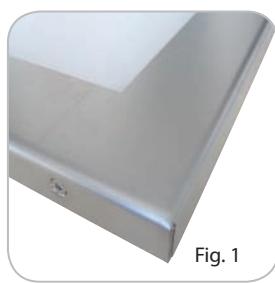


Fig. 1

Lighting made to measure

Description

This new cabin lighting is suitable for retrofitting existing lift cabins as well as for the use in new installations.

The suspended ceiling is made to measure and is mounted under the existing cabin ceiling. The maximum dimensions of the ceilings are: length 2200mm and width 1400mm. The frame consists of 2mm stainless steel. Seven different surfaces and four different light colours are available.

Optionally an emergency light can be installed. The brightness of the normal lighting and of the emergency light is compliant with the EN 81-20.

The frame with the luminous field has a very small build-up height of 30mm, including the mounting bracket. It is screwed to the real cabin ceiling with the delivered fastening material. The very small mounting depth makes retrofitting in existing installations very easy.

You will find a suitable emergency power supply NSG (art.no. 020446) on page 108.

Technical data

The illuminance is measured in a lift cabin with the dimensions: L= 1400 x W=1100 x H=2380mm.
one metre above the floor: approx. 450 Lux
on the floor: approx. 125 Lux

Emergency light at the alarm button: approx. 70 Lux
on the floor: approx. 20 Lux

Light colours

The LED lighting is available in different light colours.

Luminous flux, colour temperature and power:

Light colour warm white:	1153lm/m, 3000K, 13.3W/m
Light colour neutral white:	1280lm/m, 4000K, 13.3W/m
Light colour neutral white:	1280lm/m, 5000K, 13.3W/m
Light colour daylight:	1280lm/m, 6500K, 13.3W/m

The irradiation occurs on both sides on the longer side.

Material luminous field:

Makrolon®, fire protection class B1

Weight cabin ceiling: approx. 22kg/m²

Versions

 of the lift cabin ceilings

Surfaces

In general the ceilings are available in the following versions:

Brushed stainless steel, grain 240 ← STANDARD

Bead blasted stainless steel (figure 1)

Stainless steel H8 mirror

Brushed stainless steel black

Bead blasted stainless steel black

Brushed stainless steel golden

Stainless steel H8 mirror golden

Stainless steel frame, width: 55mm

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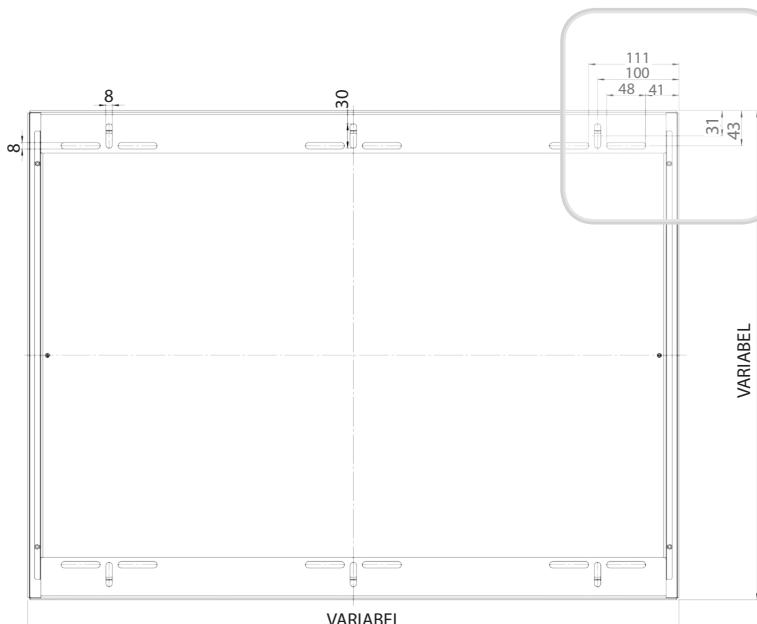
Back side with mounting brackets

Mounting of the ceilings

The frame of the cabin ceiling is fastened under the existing cabin ceiling with mounting brackets and screws.



Dimensional drawing



Dimensional drawing cabin ceiling

Scope of delivery cabin ceilings

Art.no.	Description
020445	Cabin ceiling made to measure*

1x Cabin ceiling made to measure
 1x Set of fastening material
 1x Power supply unit 230V / 24V with 2m supply line
 1x Integrated emergency light 12V / 24V DC(optional)
 *maximum dimensions of the ceilings:
 length = 2200mm x width= 1400mm



Reference to further complete cabin ceilings

You can find pre-installed cabin ceilings with W+W LED lamps on our website under:
 „Complete ceilings with CabinLED5“ and „Complete ceilings with SQUARE-LED“.

The ceilings are suitable for the mounting in existing cabins as well as in new installations.