

Screen50 LED Ceiling Absorber

The ceiling absorbers of the Screen50 LED series combine emotional design with a high degree of acoustic and lighting quality. For planners and acousticians, different formats and sizes offer plenty of design scope. The LED downlights flush-mounted in the fabric-covered absorbers are the basis for atmospheric and excellent lighting in a wide variety of room zones. Room acoustics, light and lighting design merge into an overall architectural solution. The LED ceiling absorbers, available in 47 different sizes and formats, are equipped with high-quality object luminaires. These spotlights are characterised by their deeply recessed LED position and thus convey a particularly subtle feeling of light. The entire lighting source fades into the background, almost invisible to the observer. With appropriate positioning and planning, all requirements for visual task lighting for an office workplace according to DIN EN 12464-1 can be met. All lighting variants enable atmospheric lighting design in the interplay of light and shadow and are thus also excellently suited for the demanding residential sector.

By means of a stainless steel suspension kit, the powerful LED ceiling absorbers can be suspended from the ceiling individually and easily adjustable in height - from a minimum distance of 100 mm. Suspension at different heights, with overlapping surfaces, offers very diverse and exciting design options. Available in 17 fabric collections and with over 500 colours, the LED ceiling absorbers of the Screen50 LED series are a source of inspiration for a creative and at the same time technically sophisticated ceiling design.



Data Screen50 LED Ceiling Absorber

Frameless fabric-upholstered absorber core

Total thickness 50 mm

Rectangular formats with corner radii 50 mm

Highly sound absorbing according to
DIN EN ISO 354

Filler material B1 flame retardant according to
DIN 4102-1

Filler Standard 100 by OEKO-TEX®

Fabric surface with stitched seam

With LED downlights integrated in the absorber

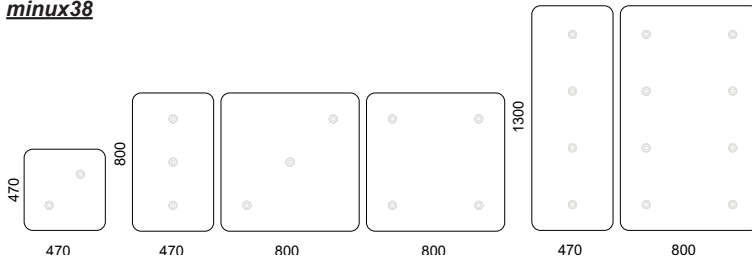
Mounting method:

Suspended by means of stainless steel suspension
kit, flexible from 400 to 150 mm

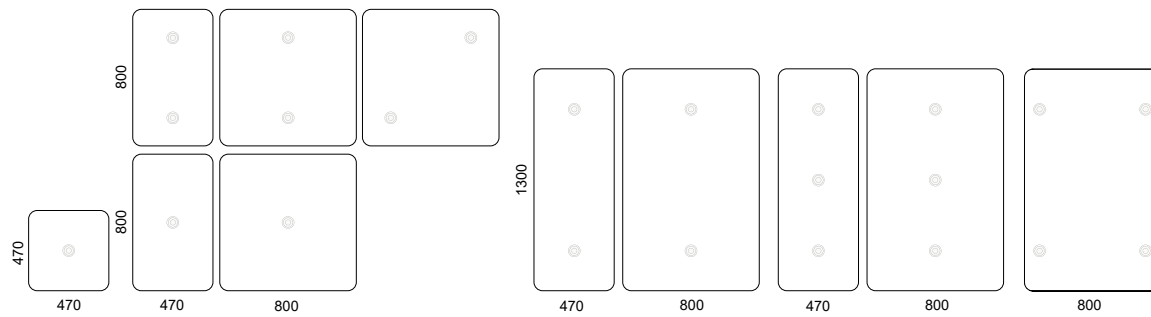
Note! If the room structure is open at the top, the absorber core
may be visible at the rear. Please enquire about the option of an
additional cover if required.

Formats 800 mm

minux38

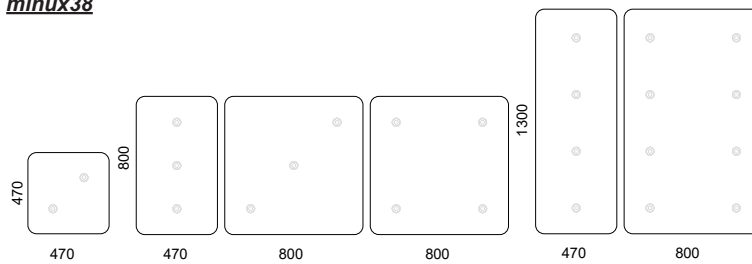


minux57

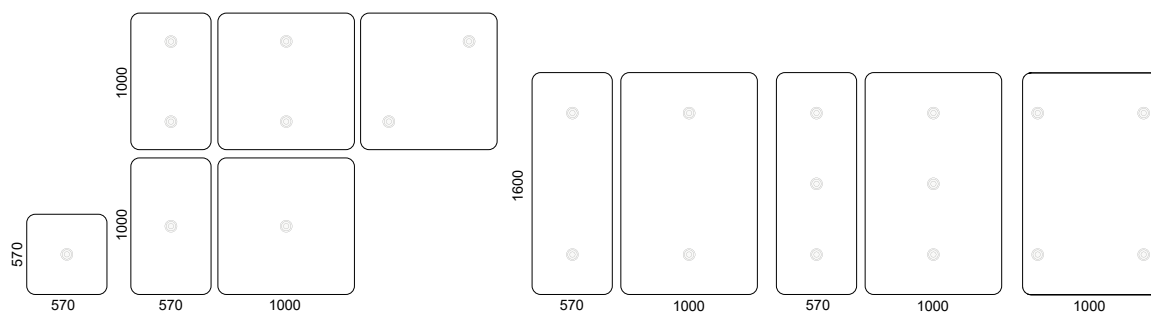


Formats 1000 mm

minux38

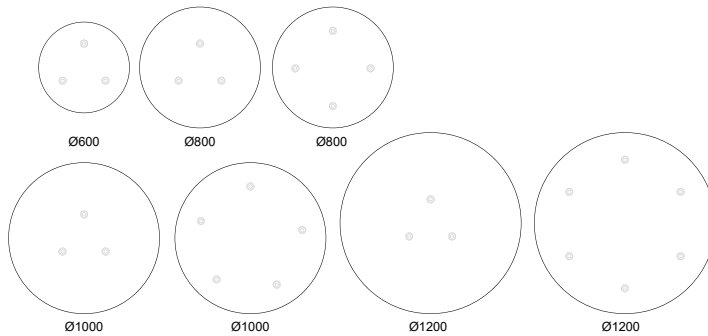


minux57

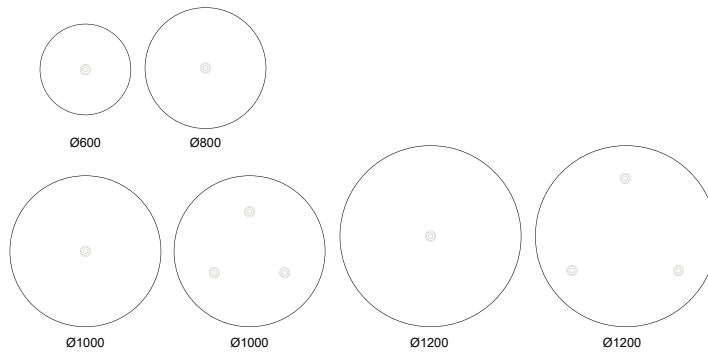


Formats Ø

minux38



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Values LED *Note: Data per LED*

LED downlight ***minux38***

Frame / reflector white or black
 Beam angle 50
 Power 8 Watts (W)
 Luminous flux 450 / 500 lumen (lm)
 Colour temperature 3000 / 4000 Kelvin (K)
 UGR < 19
 CRI 90

LED downlight ***minux57***

Frame / reflector white or black
 Beam angle 50
 Power 15 Watts (W)
 Luminous flux 1000 / 1050 lumen (lm)
 Colour temperature 3000 / 4000 Kelvin (K)
 UGR < 19
 CRI 90

aplis40 / standard sizes and weight in kg incl. LED (approx. data)

| Formats 800 mm / 1000 mm side length | | | | | | | Formats Ø | |
|--------------------------------------|-----|-----|-----|------|------|------|-----------|------|
| Height | 470 | 570 | 800 | 1000 | 1300 | 1600 | Ø | kg |
| Width | | | | | | | 470 | 2,5 |
| 470 | 2,4 | - | 4,0 | - | 6,4 | - | 570 | 3,3 |
| 570 | - | 3,4 | - | 5,8 | - | 9,2 | 600 | 3,4 |
| 800 | 4,0 | - | 6,7 | - | 10,9 | - | 800 | 5,5 |
| 1000 | - | 5,8 | - | 10,1 | - | 16,2 | 1000 | 8,0 |
| | | | | | | | 1200 | 11,3 |

aplis60 // standard sizes and weight in kg incl. LED (approx. data)

| Formats 800 mm / 1000 mm side length | | | | | | | Formats Ø | |
|--------------------------------------|-----|-----|-----|------|------|------|-----------|------|
| Height | 470 | 570 | 800 | 1000 | 1300 | 1600 | Ø | kg |
| Width | | | | | | | 470 | 2,2 |
| 470 | 2,5 | - | 4,0 | - | 6,6 | - | 570 | 3,0 |
| 570 | - | 3,5 | - | 5,8 | - | 9,4 | 600 | 3,1 |
| 800 | 4,0 | - | 6,5 | - | 10,6 | - | 800 | 5,1 |
| 1000 | - | 5,8 | - | 9,9 | - | 15,9 | 1000 | 7,4 |
| | | | | | | | 1200 | 10,6 |

Screen50 Ceiling Absorber

from 300 - 1500 mm ceiling distance

Sound absorption coefficient a_p per DIN EN ISO 354

| | |
|---------|-----------|
| 125 Hz | a_p 0,4 |
| 250 Hz | a_p 1,0 |
| 500 Hz | a_p 1,0 |
| 1000 Hz | a_p 1,0 |
| 2000 Hz | a_p 1,0 |
| 4000 Hz | a_p 1,0 |

Rated sound absorption coefficient

a_w 1,0 (H). DIN EN ISO 354 test certificate