

Ceiling Absorber with integrated LED downlights

Available in square and rectangular shapes, the ceiling absorbers with LED technology combine simple and functional design with a high degree of acoustic and lighting quality. Acousticians can choose from various formats and a flexible suspension height from 100 mm distance from the bare ceiling. For the lighting designer, various LED downlights provide the technical and aesthetic prerequisites for excellent implementation. Room acoustics, light and lighting design merge to form an overall architectural solution. The all-round aluminium profile protects the sensitive absorber core and ensures high dimensional stability. The aluminium profiles attached to the rear of the absorbers not only provide stability, but also enable the suspension points to be quickly and individually adapted to the ceiling characteristics. The ceiling absorbers are available in various sizes from 1000 x 1000 mm up to 1200 x 2500 mm. In addition to the version in white fleece, they are also available in a fabric collection and optionally with powder-coated profiles.



Data Ceiling Absorber

Circumferential aluminium frame

Frame height and absorber thickness 40 mm

Highly sound absorbing according to
DIN EN ISO 354

Filler B1 flame retardant according to DIN 4102-1

Filler Standard 100 by OEKO-TEX®

White fleece surface, optionally in Trevira CS fabric

Optional with integrated LED downlights

Mounting:

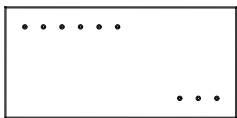
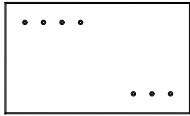
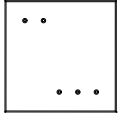
Suspended by means of stainless steel
suspension kit

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.

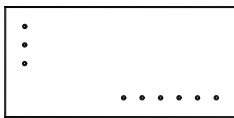
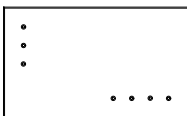
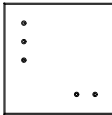
Downlight system / configuration option

minux38

linear

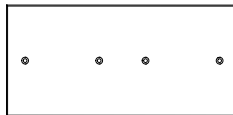
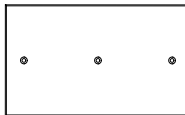
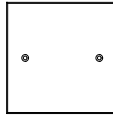


diagonal

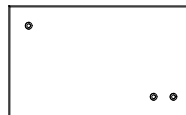
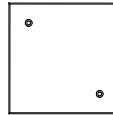


minux57

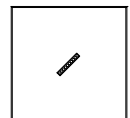
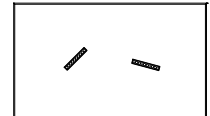
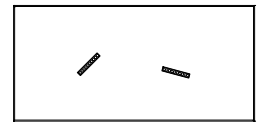
linear



diagonal



fusion10



Values LED Notice: per single LED spot

LED downlight **minux38**

frame / reflector white or black
beam angle 50
power 8 watts (W)
luminous flux 450 / 500 Lumen (lm)
colour temperature
3000 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

LED downlight **fusion10**

frame white / black
reflector black
beam angle 40
power 24 watts (W) / 10 LED
luminous flux 1500 / 1600 Lumen (lm)
colour temperature
3000 / 4000 Kelvin (K)
UGR < 19, CRI 90

Standard sizes and weights in kg with LED systems

minux38

length \ width	1200	2000	2500
1200	6,5	9,4	11,1

minux57

length \ width	1200	2000	2500
1200	7,5	10,0	11,4

fusion10

length \ width	1200	2000	2500
1200	6,0	9,0	11,0

Direct ceiling mounting 60 mm ceiling distance

Sound absorption coefficient ap per DIN EN ISO 354

125 Hz	ap 0,18
250 Hz	ap 0,63
500 Hz	ap 1,19
1000 Hz	ap 1,26
2000 Hz	ap 1,19
4000 Hz	ap 1,12

Rated sound absorption coefficient aw 1,00 (H)
DIN EN ISO 354 test certificate

Suspended mounting

with 400 - 1500 mm ceiling distance

Sound absorption coefficient ap per DIN EN ISO 354

125 Hz	ap 0,25
250 Hz	ap 0,95
500 Hz	ap 1,05
1000 Hz	ap 1,47
2000 Hz	ap 1,61
4000 Hz	ap 1,54

Rated sound absorption coefficient aw 1,00 (H)
DIN EN ISO 354 test certificate