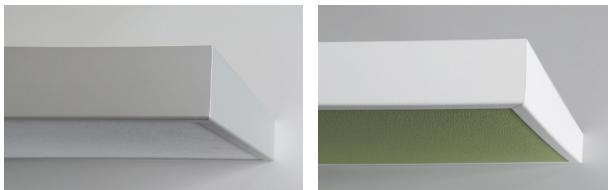


## Ceiling absorber / optional with LED luminaire

The ceiling absorbers are available in square and rectangular forms and combine functional design with a high level of acoustic quality. Whether mounted at a distance of 20 mm directly beneath the ceiling or hanging at varying heights thanks to the stainless-steel hanging kit – they offer individual options for acoustic spatial planning. The surrounding aluminium profile protects the delicate absorber core and ensures a high level of form stability. If required, the ceiling absorbers can also be supplied with integrated LED recessed luminaires in various formats and with various technical specifications. The aluminium profile on the reverse of the absorber not only provides stability, but also permits quick and individual adjustment of the hanging points to the ceiling structure. The ceiling absorbers are available in various sizes ranging from 1000 x 1000 mm to 1200 x 2500 mm. Alongside the white fleece option, there is also a collection of fabrics to choose from, as well as the option of powder-coated profiles. The ceiling absorbers are supplied both in standard dimensions and made to measure.



### 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 technology

#### Mounting:

Suspended by means of stainless steel  
suspension kit

Direct ceiling mounting including mounting rails

## Optional configuration with LED luminaire



LED luminaire,  
square 225x225 mm



LED luminaire,  
round Ø 187 mm



## Values LED *notice: information per LED*

LED luminaire, square 225x225 mm

white frame

power 18 watts (W)

V1: luminous flux 1400 Lumen (lm)

colour temperature 3000 Kelvin (K)

V2: luminous flux 1550 Lumen (lm)

colour temperature 4000 Kelvin (K)

LED luminaire, round Ø 187 mm

white frame

power 20 watts (W)

luminous flux 2200 Lumen (lm)

colour temperature 3000 / 4000 / 5500 Kelvin (K)

## Standard sizes and weights in kg (without LED) with LED incl. 0,75 kg

length \ width	1000	1200	2000	2500
1000	3,8	-	7,4	9,1
1200	-	4,5	8,8	10,8

### Direct mounting with 20 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 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

## 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.



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### 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 technology

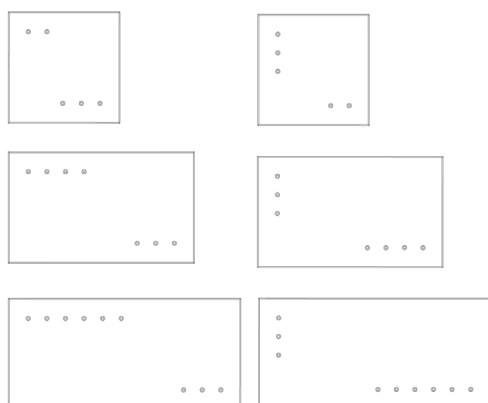
#### Mounting:

Suspended by means of stainless steel  
suspension kit

Direct ceiling mounting including mounting rails

## Downlight system / configuration option

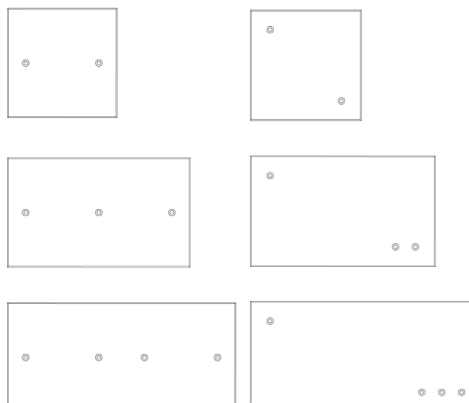
### aplis 40



linear

diagonal

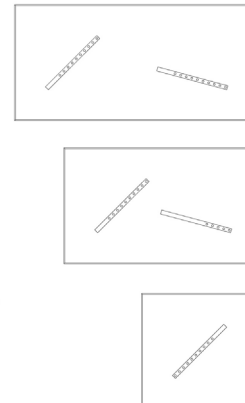
### aplis 60



linear

diagonal

### nuit



## Values LED *Notice: per single LED spot*

#### LED downlight aplis40

white frame

power 3,2 watts (W)

luminous flux approx. 262 Lumen (lm)

colour temperature

3000 Kelvin (K)

#### LED downlight aplis60

white frame, flood 54°

power 12 watts (W)

luminous flux approx. 1270 Lumen (lm)

colour temperature

3000 / 4000 Kelvin (K)

#### LED downlight nuit

white frame

power 7 watts (W) / 5 LED

14 watts (W) / 10 LED

V1: luminous flux

approx. 565Lumen (lm)

colour temperature 3000 / 4000 Kelvin (K) / 5 LED

V2: luminous flux

approx. 1130 Lumen (lm)

colour temperature 3000 / 4000 Kelvin (K) / 10 LED

## Standard sizes and weights in kg with LED systems

### aplis 40

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

### aplis 60

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

### nuit

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

## Suspended mounting with 400 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