

design by  
**13&9**

# SOUNDCATCHER

acoustic suspended

**EN** Acoustic element made of high quality, self-supporting, recycled PET felt with sound absorbing properties; in different moldings; constructed of two layers, choice of one-sided or double-sided; choice of square, round or octagonal design; high quality visual and tactile surface; acoustically effective cavities; large sound absorbing surface; absorption of direct sound and sound reflected from the ceiling; this creates high acoustic performance; pendant fitting with MITA circle 240 acoustic suspended (LUMINAIRE or BLIND COVER)

**DE** Akustikelement aus hochwertigem, selbsttragendem, recyceltem PET-Filz mit schallabsorbierenden Eigenschaften; in verschiedenen Ausformungen; Aufbau aus zwei Ebenen, wahlweise one-sided oder double-sided; Bauform wahlweise quadratisch, rund oder oktogonal; optisch und haptisch hochwertige Oberfläche; akustisch wirksame Hohlräume; große schallabsorbierende Oberfläche; Absorption des Direktschalls und des von der Decke reflektierten Schalls; dadurch hohe akustische Performance; abgedandelt mit MITA circle 240 acoustic suspended (LUMINAIRE oder BLIND COVER)

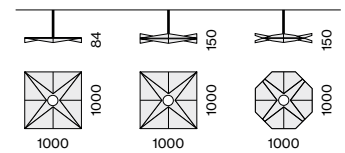
## Quickinfo

PET felt with sound absorbing properties  
 ♻️ from recycled material  
 up to absorption class A  
 🔥 flame retardant version available

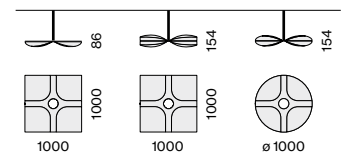
3000 K, 4000 K  
 CRI ≥ 80, CRI ≥ 90, 3 SDCM  
 UGR ≤ 19 / 65° ≤ 1500 cd/m²  
 up to 160lm/W  
 L95 @ 50 000 h  
 DALI-2  
 reflector (UGR ≤ 19)

## Types

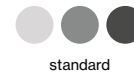
SOUNDCATCHER sharp



SOUNDCATCHER soft



## Acoustic colours



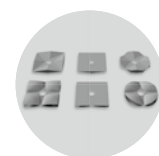
## Luminaire colours



## Light distribution



acoustic  
volume



many variants  
in one size

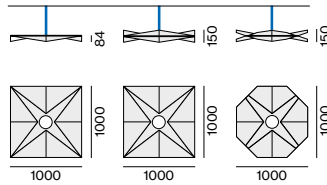


DIN EN 12464-1  
UGR ≤ 19

### Order options

#### ACOUSTIC COLOUR

- marble grey D
  - felt grey G
  - anthracite B
- other colours on request



### SOUND-CATCHER sharp

PET felt

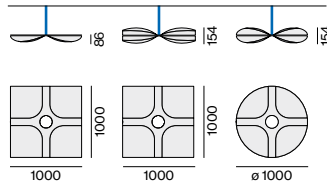
| A                   | B | C | D | E |
|---------------------|---|---|---|---|
| α <sub>w</sub> 0.90 |   |   |   |   |

0.90  
NRC

0.88  
SAA

| TYPE                     | L-W-H (mm)    | ORDER CODE                                     |
|--------------------------|---------------|--|
| square one-sided 1000    | 1000-1000-84  | 091-311110 <input checked="" type="checkbox"/> |
| square double-sided 1000 | 1000-1000-150 | 091-311120 <input checked="" type="checkbox"/> |
| octo double-sided 1000   | 1000-1000-150 | 091-311130 <input checked="" type="checkbox"/> |

### SOUND-CATCHER soft



PET felt

| A                   | B | C | D | E |
|---------------------|---|---|---|---|
| α <sub>w</sub> 0.90 |   |   |   |   |

0.90  
NRC

0.88  
SAA

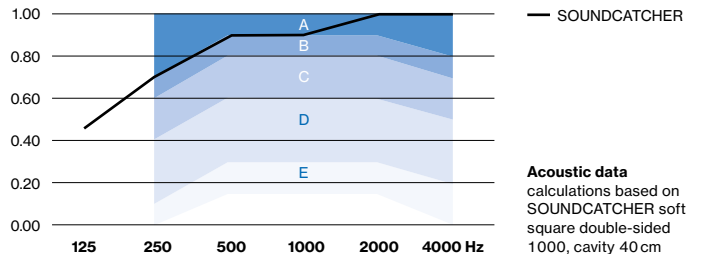
| TYPE                     | L-W-H (mm)    | ORDER CODE                                     |
|--------------------------|---------------|--|
| square one-sided 1000    | 1000-1000-86  | 091-312110 <input checked="" type="checkbox"/> |
| square double-sided 1000 | 1000-1000-154 | 091-312120 <input checked="" type="checkbox"/> |
| round double-sided 1000  | 1000-1000-154 | 091-312220 <input checked="" type="checkbox"/> |

### Acoustic data

#### Equivalent Sound Absorption Area (A<sub>eq</sub>)

| TYPE                      | 125  | 250  | 500  | 1000 | 2000 | 4000 Hz |
|---------------------------|------|------|------|------|------|---------|
| sharp square one-sided    | 0.49 | 0.71 | 1.17 | 1.14 | 1.52 | 1.74    |
| sharp square double-sided | 0.53 | 0.76 | 1.26 | 1.24 | 1.65 | 1.88    |
| sharp octo double-sided   | 0.43 | 0.63 | 1.04 | 1.01 | 1.35 | 1.55    |
| soft square one-sided     | 0.51 | 0.73 | 1.21 | 1.18 | 1.58 | 1.80    |
| soft square double-sided  | 0.56 | 0.82 | 1.35 | 1.32 | 1.76 | 2.01    |
| soft round double-sided   | 0.46 | 0.66 | 1.09 | 1.07 | 1.42 | 1.62    |

#### Sound absorption coefficient (α<sub>p</sub>)



### Order options

#### COLOUR TEMPERATURE

- 3000 K (CRI ≥ 90) 0
- 4000 K (CRI ≥ 90) 1
- 3000 K (CRI ≥ 80) 5
- 4000 K (CRI ≥ 80) 6

#### CONTROL

DALI-2

#### LUMINAIRE COLOUR

- traffic white RAL 9016 (white rod) 7
- jet black RAL 9005 (black rod) 8
- traffic white RAL 9016 (chrome rod) 5
- jet black RAL 9005 (chrome rod) 1

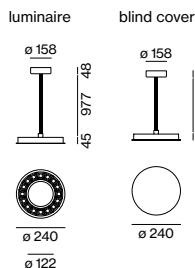
#### REFLECTOR COLOUR

- chrome R
- dark chrome B

#### ACCESSORIES COLOUR

- traffic white RAL 9016 7
- jet black RAL 9005 8

**LUMINOUS FLUX** value calculated for CRI ≥ 90, colour white, chrome reflector



### MITA circle 240 acoustic suspended

UGR ≤ 19

cd/m<sup>2</sup> ≤ 1500

DALI 1ADDR

220-240V

X-PERT

X-PERT

#### LUMINAIRE

| SYSTEM POWER | COLOUR TEMP. | LUMINOUS FLUX | ORDER CODE   |
|--------------|--------------|---------------|--|
| 13.9 W       | 3000K        | 1950 lm       | 091-3180 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 16.3 W       | 4000K        | 2160 lm       |  |
|              | 3000K        | 2270 lm       | 091-3181 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
|              | 4000K        | 2590 lm       |  |

#### BLIND COVER

| TYPE                | ORDER CODE                          |
|---------------------|-------------------------------------|
| 240 round suspended | 091-319000 <input type="checkbox"/> |

#### SYSTEM CONNECTOR

| TYPE                  | ORDER CODE                          |
|-----------------------|-------------------------------------|
| set of two connectors | 091-319100 <input type="checkbox"/> |

can be used as edge connectors or as corner connectors