

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)

**ES** Elemento acústico de fieltro PET reciclado y autoportante de calidad superior con propiedades de absorción del sonido; en distintas formas; estructura de dos niveles con elección de one-sided o double-sided; forma opcionalmente cuadrada, redonda o octogonal; superficie de gran calidad óptica y táctil; cavidades con efecto acústico; superficie de absorción sonora grande; absorción del sonido directo y del reflejado por el techo; con ello gran rendimiento acústico; montaje suspendido con MITA circle 240 acoustic suspended (LUMINAIRE o BLIND COVER)

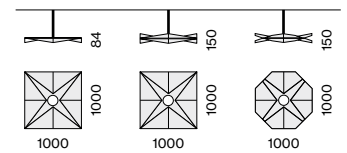
## Quickinfo

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

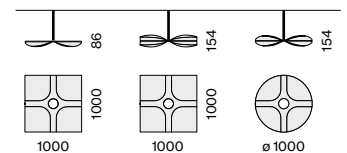
3000 K, 4000 K  
CRI ≥ 80, CRI ≥ 90, 3 SDCM  
UGR ≤ 19 / 65° ≤ 1500 cd/m<sup>2</sup>  
up to 160lm/W  
L95 @ 50 000 h  
DALI-2  
reflector (UGR ≤ 19)

## Types

### SOUNDCATCHER sharp



### SOUNDCATCHER soft



## Acoustic colours



## Luminaire colours



## Light distribution



acoustic volume



many variants in one size

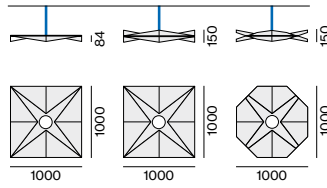


DIN EN 12464-1 UGR ≤ 19

### Order options

#### ACOUSTIC COLOUR

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



### SOUND-CATCHER sharp

PET felt

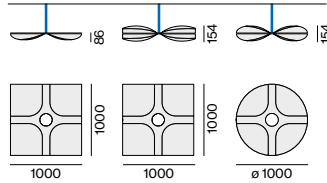
A	B	C	D	E
$\alpha_w 0.90$				

0.90  
NRC

0.88  
SAA

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

### SOUND-CATCHER soft



PET felt

A	B	C	D	E
$\alpha_w 0.90$				

0.90  
NRC

0.88  
SAA

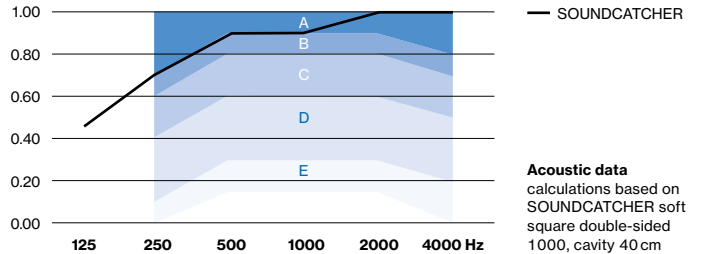
TYPE	L-W-H (mm)	ORDER CODE
square one-sided 1000	1000-1000-86	091-312110 <input type="checkbox"/>
square double-sided 1000	1000-1000-154	091-312120 <input type="checkbox"/>
round double-sided 1000	1000-1000-154	091-312220 <input type="checkbox"/>

### Acoustic data

#### Equivalent Sound Absorption Area ( $A_{eq}$ )

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 ( $\alpha_p$ )



### 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 RAL9016 (white rod) 7
- jet black RAL 9005 (black rod) 8
- traffic white RAL9016 (chrome rod) 5
- jet black RAL 9005 (chrome rod) 1

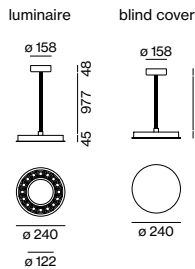
#### REFLECTOR COLOUR

- 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 type="checkbox"/>
16.3 W	4000K	2160 lm	091-3181 <input type="checkbox"/>
	3000K	2270 lm	
	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