## Quickinfo

PET felt
♻ from recycled material
🔥 flame retardant version available

3000 K, 4000 K
CRI ≥ 80, 3 SDCM
up to 154 lm/W
L90 @ 50 000 h
DALI-2
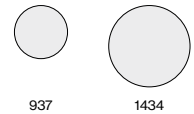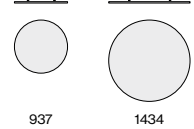opal, microprismatic
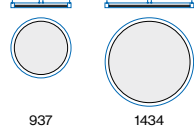
## Types

ceiling

937    1434

suspended

937    1434

inlay

937    1434

## Acoustic colours

## Luminaire colours

standard    xal.com/colours
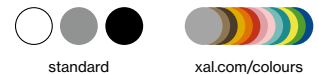
## Light distributions

direct indirect
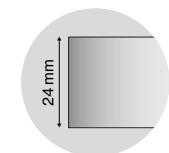
24 mm

flat height
24 mm
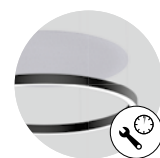
quick and easy
to retrofit

opal or micro-
prismatic cover

# MINO circle

acoustic elements

EN Acoustic element made of high quality, self-supporting, recycled PET felt with sound absorbing properties; round design; high quality visual and tactile surface; absorption of direct sound and sound reflected from the ceiling; this creates high acoustic performance; for insertion into MINO circle ceiling and MINO circle suspended; or single installaion, choice of surface mounted and pendant versions with cable suspension; tool-less suspension height adjustment of the acoustic element

FR Élément acoustique en feutre PET recyclé, autoportant, haute qualité, doué de proprié-tés insonorisantes ; forme ronde ; surface aux grandes qualités visuelles et tactiles ; absorp-tion du bruit direct et du bruit réfléchi par le plafond ; pour de meilleures performances acoustiques ; à insérer dans un MINO circle ceiling et MINO circle suspended ; ou mon-tage individuel, variante au choix fixée ou sus-pendue avec suspension par câble ; réglage de la hauteur sans outil au niveau de l'élément acoustique

## Order options

### ACOUSTIC COLOUR

| | | |
|---|---|---|
| ○ white | W | |
| ◯ marble grey | D | |
| ● anthracite | B | |
| ● black | L | |
| ● limestone | S | |

other colours on request

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53 / 24

ø 937 / 1434
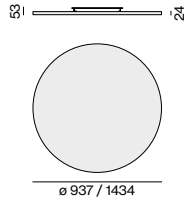
## MINO circle acoustic ceiling

| PET felt | A B **C** D E | 1.15 | 1.16 |
|---|---|---|---|
| | $\alpha_w$ 0.70 | NRC | SAA |

| TYPE | Ø·H (mm) | ORDER CODE |
|---|---|---|
| 1000 ceiling | 937·25 | 034-271111◪ |
| 1500 ceiling | 1434·25 | 034-271211◪ |

24

ø 937 / 1434
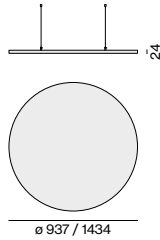
## MINO circle acoustic suspended

| PET felt | A B **C** D E | 0.70 | 0.74 |
|---|---|---|---|
| | $\alpha_w$ 0.65 | NRC | SAA |

| TYPE | Ø·H (mm) | ORDER CODE |
|---|---|---|
| 1000 suspended | 937·25 | 034-272111◪ |
| 1500 suspended | 1434·25 | 034-272211◪ |

24

ø 937 / 1434
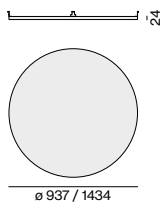
## MINO circle acoustic inlay

| PET felt | A B **C** D E | 0.70 | 0.74 |
|---|---|---|---|
| | $\alpha_w$ 0.65 | NRC | SAA |

| TYPE | Ø·H (mm) | ORDER CODE |
|---|---|---|
| 1000 inlay | 937·25 | 034-270111◪ |
| 1500 inlay | 1434·25 | 034-270211◪ |

## Acoustic data

### Equivalent sound absorption area ($A_{eq}$)

| TYPE | 125 | 250 | 500 | 1000 | 2000 | 4000 Hz |
|---|---|---|---|---|---|---|
| 1000 ceiling | 0.10 | 0.27 | 0.70 | 1.17 | 1.07 | 1.00 |
| 1500 ceiling | 0.30 | 0.60 | 1.43 | 2.30 | 2.17 | 2.10 |
| 1000 suspended / inlay | 0.50 | 0.50 | 0.87 | 1.30 | 1.43 | 1.57 |
| 1500 suspended / inlay | 0.97 | 1.20 | 1.83 | 2.67 | 3.07 | 3.30 |

### Sound absorption coefficient ($\alpha_p$)

—— MINO circle acoustic ceiling

– – MINO circle acoustic suspended

**Acoustic data** calculations based on MINO circle acoustic 1000; ceiling: cavity 3 cm; suspended: cavity 100 cm

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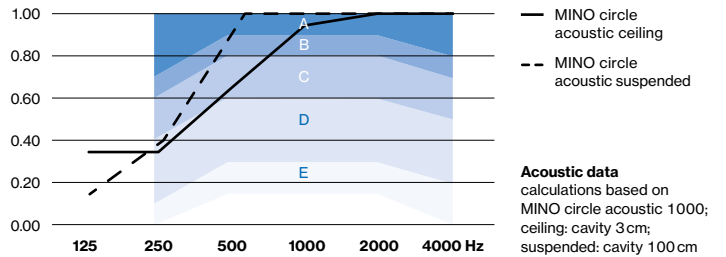
## Order options

### COLOUR TEMPERATURE

| | |
|---|---|
| 3000 K | 5 |
| 4000 K | 6 |

### MATERIAL COLOUR

| | |
|---|---|
| ○ pure white RAL 9010 | 7 |
| ◯ white aluminium RAL 9006 | G |
| ● jet black RAL 9005 | 8 |
| ◉ special colours* | X |

*canopy always in white

### LIGHT OPTIC COVER

| | |
|---|---|
| opal high performance | H |
| microprismatic | Z |

**LUMINOUS FLUX** value calculated for 4000 K, colour white, cover microprismatic

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80

ø 1060 / 1560

## MINO 60 circle ceiling
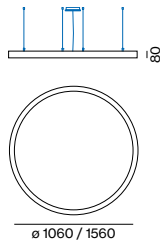
| RG 0 IEC 62471 | DALI 4 ADDR. | 220-240V | X-PERT | X-PERT | | CB |
|---|---|---|---|---|---|---|

| TYPE | SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|---|---|---|---|
| 1000 | 53 W | 7480 lm | 034-2112⠿3◪▢ |
| 1500 | 83 W | 12000 lm | 034-2110⠿3◪▢ |

## MINO 60 circle suspended

| | RG 0 IEC 62471 | DALI 4 ADDR. | 220-240V | X-PERT | X-PERT | | CB |
|---|---|---|---|---|---|---|---|

| TYPE | SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|---|---|---|---|
| 1000 | 53 W | 7480 lm | 034-2212⠿3◪▢ |
| | 71 W | ↓7480 / ↑3430 lm | 034-2213⠿3◪▢ |
| 1500 | 83 W | 12000 lm | 034-2210⠿3◪▢ |
| | 114 W | ↓12000 / ↑5490 lm | 034-2211⠿3◪▢ |