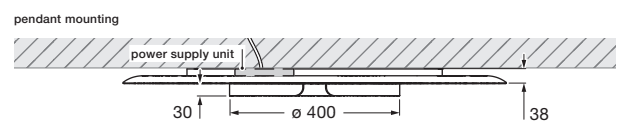
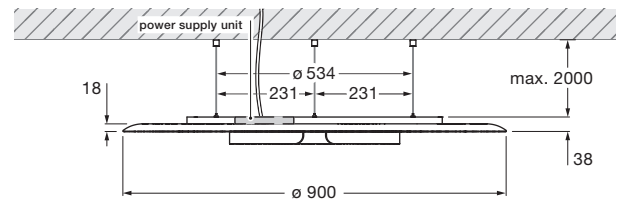


Mito soffitto 40 acoustic datasheet

Round acoustic panel with a diameter of 90 cm to mount directly on the ceiling or suspend using wire cable (maximum of 200 cm). The polyester fleece panel (with exchangeable stretch material) offers excellent sound absorption qualities that significantly reduce reverberation time in the room, thus improving the acoustics there. Creating a new visual layer also makes it possible to give the room a different look without having to resort to a suspended ceiling.

The panel is suitable for the ring-shaped LED ceiling luminaire Mito soffitto 40 with single-sided light output and with the lighting effects ceiling (narrow) or ceiling (wide). The luminaire can be dimmed with a trailing-edge phase cut dimmer* or, alternatively, controlled with the help of Occhio air or DALI. To be connected to 230-volt AC power supply; see connection accessories. The color temperature is infinitely variable between 2700 and 4000 kelvins using Occhio air or DALI or with preset values (2700, 3000, 3500 or 4000 kelvins).



ceiling mounting

dimensions in mm

technical data Mito soffitto 40 acoustic

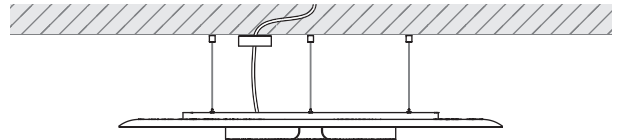
| | | |
|-------------------------|---|---|
| properties | material | polyester fleece, aluminium, painted, PVD-coated steel, plastic, optical silicone |
| | degree of absorption panel | 0.85 α |
| | height setting panel | max. 2000 mm (can be adjusted during fitting) |
| | weight panel / luminaire | 3.5 kg / 1.7 kg |
| surface | head | bronze, matt gold, rose gold, matt silver, matt white, matt black, phantom, black phantom |
| | panel | white |
| | wire suspension | matt white, matt black |
| Occhio »color tune« LED | average life time | > 50.000 hrs |
| | energy efficiency class (luminous efficiency) | G (43 lm / W) |
| | power | LED 40 W (incl. Occhio power supply unit approx. 46 W, standby < 0.5 W) |
| | color rendering index | high color; CRI Ra 95 |
| | color temperature (color consistency) | 2700–4000 K (2-step) |
| electricity | dimming | via trailing-edge phasecut dimmer, Occhio air (optional) or DALI* |
| | connection | 230 V AC |
| | power factor power supply (cos ϕ) | 0.9 |
| | flicker / stroboscopic effect | 1 (PstLM) / 0.9 (SVM) |
| | permitted operating conditions | max. 30°C for indoor use only |

* For a list of compatible dimmers, see www.occhio.de/dim_en, trailing-edge phasecut dimmer, Occhio air and DALI not combinable

Mito soffitto 40 acoustic accessories

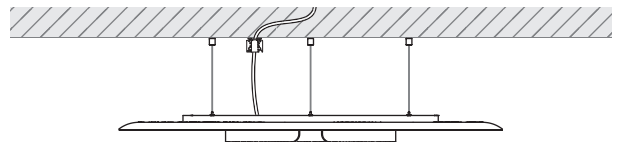
Cable box incl. 3-pin cable or optionally with 5-pin cable for DALI, connection to 230 VAC / 50 Hz mains voltage.

surface matt white, matt black
length 2 m

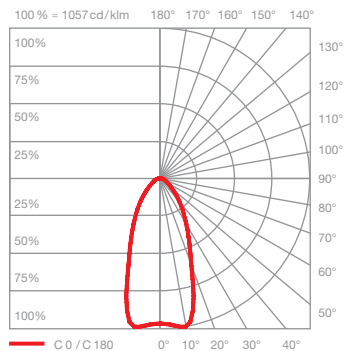


Trac adapter for 3-phase Erco-, Zumtobel- or Eutrac-bus-bar, connection to 230 VAC / 50 Hz mains voltage (DALI optional only Eutrac).

surface matt white, matt black
length 2 m



Mito soffitto 40 acoustic lighting effects



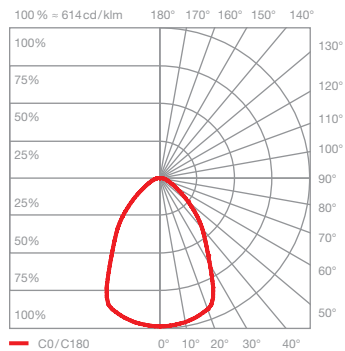
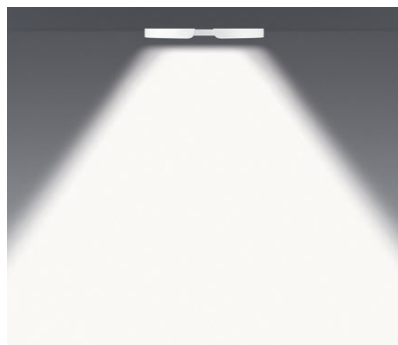
ceiling (narrow)

concentrated light, beam angle approx. 50°

inserts: narrow

luminous flux : high color 40 W 1440 lm

UGR (4H8H) > 19*



ceiling (wide)

wide-radiation light, beam angle approx. 80°

inserts : wide

luminous flux : high color 40 W 1700 lm

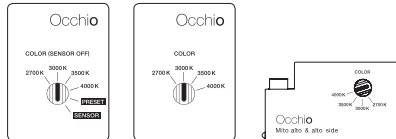
UGR (4H8H) > 19*

*The standardized indication of glare values (UGR value - 4H8H) is not quite significant for annular luminaires. In most real applications the result of an individual calculation is a UGR value <19. Therefore, we recommend to carry out a calculation which can be prepared by our lighting design team (project-support@occhio.de).

control options

Control

Mito set box



sospeso / aura / sfera / sfera su / volo

soffitto / alto flat

alto & alto side

sospeso / aura / sfera / volo:

COLOR (Sensor off)
adjustable color temperature (4 steps)
trailing-edge phase cut dimming possible

PRESET (sospeso / aura / volo)
adjustable color temperature (4 steps)
adjustable up / downlight ratio (5 steps)
trailing-edge phase cut dimming possible

PRESET (sfera)
color temperature adjustable (4 stages)
light intensity adjustable (5 stages)

SENSOR

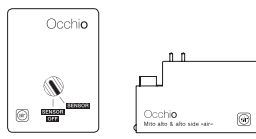
»touchless control« (gesture control)
switching, dimming, up / down fading*
»color tune« (color temperature continuously adjustable)
no external dimming possible

soffitto / alto / alto side:

COLOR
adjustable color temperature (4 steps)
trailing-edge phase cut dimming possible

*not with sfera

Mito »air« box



sospeso / aura / sfera / volo

alto & alto side



Occhio air (Bluetooth control using Occhio air app) or air controller (optional) control of individual luminaires, groups and scenes

sospeso / aura / sfera / volo:

SENSOR
»air« + »touchless control« (Bluetooth- and gesture control)
control via »touchless control« and Occhio air app or »air« controller

SENSOR OFF

»air«
control via Occhio air App or »air« controller
switching, dimming, up / down fading »color tune« (color temperature continuously adjustable)



terra / raggio / largo / soffitto / alto flat

terra / largo / raggio:

»air«, »touchless control« and »body sensor« (raggio / terra) (Bluetooth- and gesture control)
control via »touchless control«, »body sensor« and Occhio air App or »air« controller

»ambient light control« (terra)
adjustment to ambient light

»presence sensor« (terra)
presence identification and automatically shutdown by presence sensor

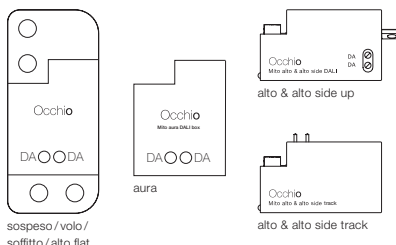
deactivation and adjustable via control and sensor with »air« app

alto / alto side:

»air« (Bluetooth - control)
control via Occhio air App or »air« controller
switching, dimming
»color tune« (color temperature continuously adjustable)

with Mito »air« box no external dimming possible

Mito DALI box (control via DALI)



sospeso / volo / soffitto / alto flat

aura

alto & alto side up

alto & alto side track

sospeso / aura / volo:

- color tune adjustable*
- adjust continuously dimming
- up + downlight separate controllable (two DALI addresses needed)
- no »touchless control«, no fading

soffitto / alto / alto side:

- color tune adjustable*
- continuously dimming

* DALI controller DALI Device type 8 (DT8) for controlling of the color tune necessary further signs on www.occhio.com/dali

Mito soffitto 40 acoustic DALI connection diagram

A maximum of 64 Mito soffitto units can be assigned to each DALI circuit.

The Mito soffitto units can be organized into as many as 16 groups and equipped with an additional 16 scenarios (predefined settings).

Using a DALI short address, they can be actuated and configured individually. In addition, the bi-directional data transfer lets users query the state/status of individual luminaires.

You can find more detailed information at www.occhio.com/dali.

