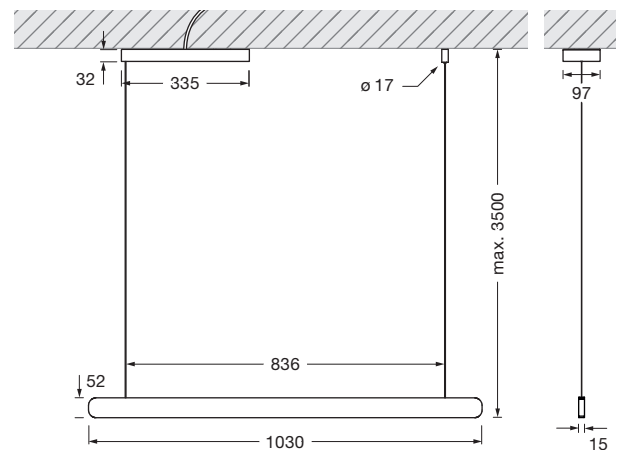


Mito volo 100 fix up datasheet

Linear LED suspended luminaire with double-sided light emission and length of 103 cm. There is a choice of two lighting effects. table (wide) for use over tables – wide light beam directed downwards and upwards. room (narrow) for freely suspended luminaire lighting – concentrated light beam directed downwards, diffused light directed upwards. The maximum suspension length is 350 cm (can be adjusted during fitting).

Version with integrated power supply unit for mounting on plaster surfaces; connection to 230 V AC mains voltage. Can be controlled via »touchless control« (gesture control on the head) and Occhio air or DALI; alternatively, dimmable via a trailing-edge phase cut dimmer*. The colour temperature can be continuously controlled via »touchless control« or Occhio air or DALI from 2700 to 4000 K or can be preset (2700/3000/3500/4000 K).

Other version: Mito alto flat (40/70/100), Mito alto up (40/70/100), Mito alto side (40/70/100), Mito volo fix flat (100/140), Mito volo var up (100/140), Mito volo fix up (140), Mito volo fix up midfeed (100/140)



incl. power supply unit

dimensions in mm

technical data Mito volo 100 fix up

| | | |
|-------------------------|--------------------------------|--|
| properties | material | head aluminium, painted, anodised or PVD-coated steel, optical plastic canopy painted plastic |
| | height setting | max. 3500 mm (can be adjusted during fitting) |
| | weight | 2.6 kg |
| surface | head | bronze, matt gold, rose gold, matt silver, matt white, matt black |
| | canopy | matt white, matt black |
| Occhio »color tune« LED | average life time | > 50.000 hrs |
| | energy efficiency class | A+ |
| | power | 45 W |
| | color rendering index | high color; CRI Ra 95 |
| | color temperature | 2700–4000 K |
| | recommended use | residential, commercial, office |
| electricity | dimming | via trailing-edge phasecut dimmer*, Occhio air or DALI |
| | connection | 230 V AC / 50 Hz |
| | 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 and Occhio air not combinable. Anodised (matt gold) and PVD surfaces (rose gold, bronze) may differ slightly from other product lines.



Mito volo 100 fix up lighting effects

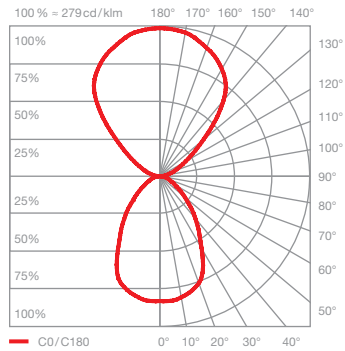
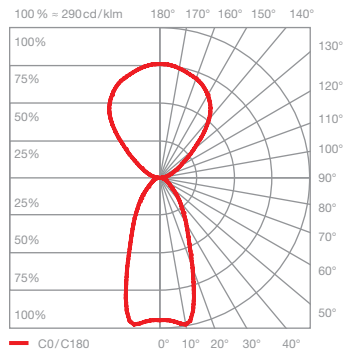


table (wide)

wide light beam (up and down), beam angle approx. 80° (down)

inserts: wide / flood

luminous flux: high color 45W 3400lm



room (narrow)

concentrated light downwards, beam angle approx. 50°, diffuse upwards

inserts: narrow / diffuse

luminous flux: high color 45W 3400lm

Mito volo 100 fix up connection diagram

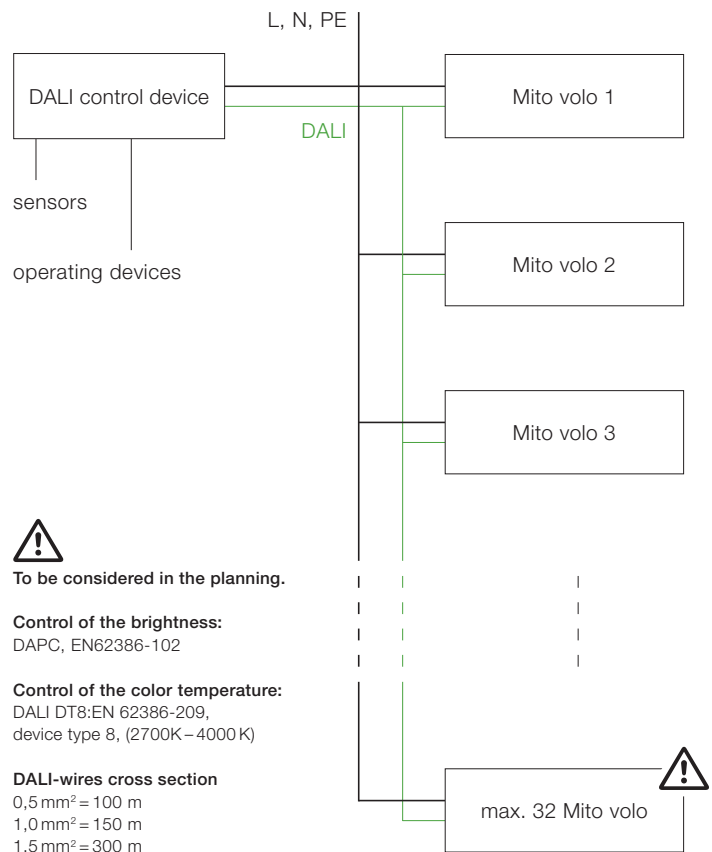
A maximum of 32 Mito volo units can be assigned to each DALI circuit.

The Mito volo requires two DALI addresses per luminaire, which enables control of the top and bottom sides via their own respective DALI address. The maximum output is reached if both DALI luminaires (top and bottom side) are set to maximum brightness (45 W = 22 W up and 22 W down; 60 W = 30 W up and 30 W down).

The Mito volo 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.

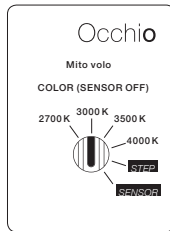
You can find more detailed information at www.occhio.de/dali.



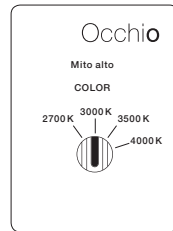
control options

control

Mito set box (standard)



volo



alto

volo:

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

STEP

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

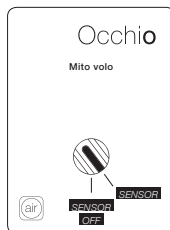
SENSOR

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

alto:

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

Mito »air« box (optional)



volo



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

volo:

SENSOR

»air« + »touchless control« (Bluetooth- und 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)

Occhio air
powered by
Casambi



terra/alto

terra/terra 3d:

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

»ambient light control«
adjustment to ambient light

»presence sensor«
presence identification and automatically
shutdown by presence sensor

deactivation and adjustable via control
and sensor with air app

alto:

»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 (optional)



control via DALI

volo

- color tune adjustable**
- adjust continuously dimming
- up + downlight separate controllable
(two DALI addresses needed)
- no »touchless control«, no fading
- volo 100 (max. 22,5 W uplight / 22,5 W downlight)
- volo 140 (max. 30 W uplight / max. 30 W downlight)

alto

- color tune adjustable**
- continuously dimming

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