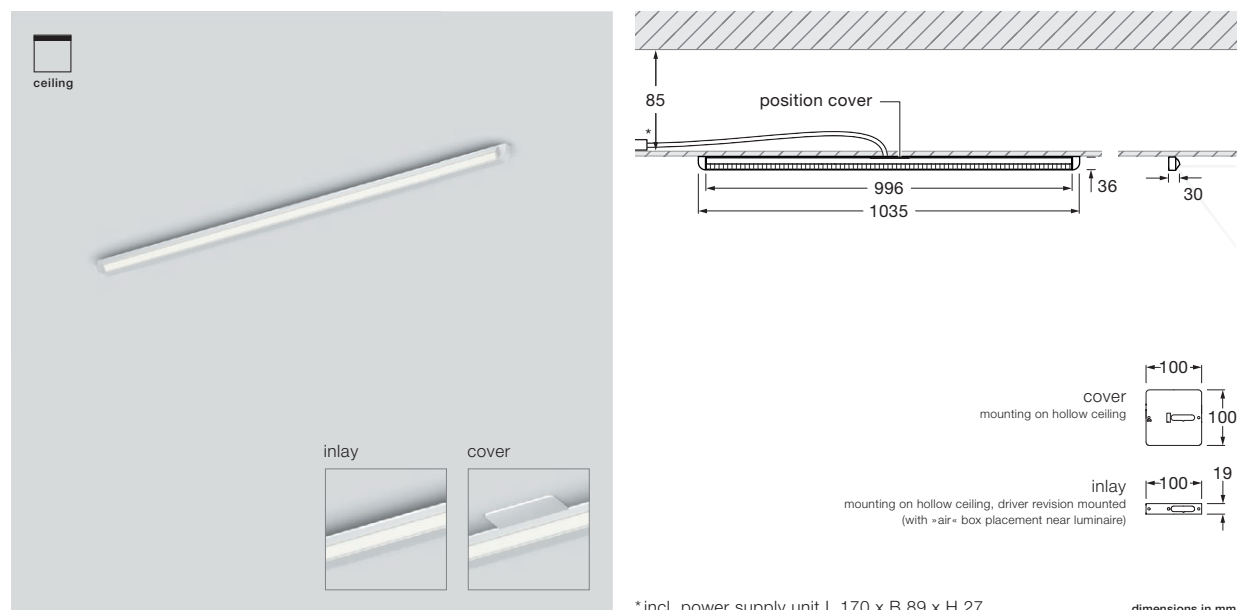


## Mito alto side 100 flat datasheet

Linear LED ceiling luminaire with single-sided light output, available in the following lengths: 37.5 cm. This side-light effect illuminates wall surfaces (wall washing) uniformly and without glare. Version for hollow ceilings incl. power supply unit, cover and inlay (inspection opening for power supply unit required at suitable place).

Dimmable via trailing-edge phase-cut dimmer\*; can alternatively be controlled via Occhio air or DALI. Connection to 230 V AC mains voltage. The colour temperature can be preset (2700 / 3000 / 3500 / 4000 K) or can be continuously controlled from 2700 to 4000 K (optional 2200 to 3500 K) via Occhio air or DALI.

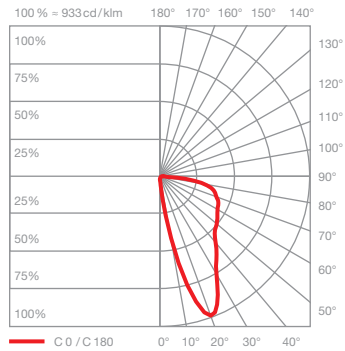
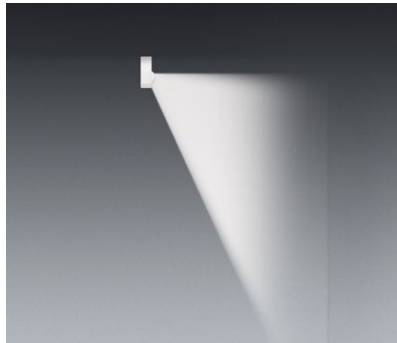


### technical data Mito alto side 100 flat

|                         |                                                              |                                                                                                        |  |
|-------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--|
| properties              | material                                                     | head aluminium, painted, PVD-coated steel, optical plastic<br>cover painted plastic                    |  |
|                         | recommended wall clearance for homogeneous wall illumination | approx. 70 cm for 250 cm ceiling height<br>approx. 85 cm for 300 cm ceiling height                     |  |
|                         | weight                                                       | 1.6 kg                                                                                                 |  |
| surface                 | head                                                         | bronze, matt gold, rose gold, matt silver, matt white, matt black, dark chrome, phantom, black phantom |  |
|                         | cover                                                        | matt white, matt silver, matt black                                                                    |  |
| Occhio »color tune« LED | average life time                                            | > 50.000 hrs                                                                                           |  |
|                         | energy efficiency class (luminous efficiency)                | G (54 lm / W)                                                                                          |  |
|                         | power                                                        | LED 45 W (incl. Occhio power supply unit approx. 52 W, standby < 0.5 W)                                |  |
|                         | color rendering index                                        | high color; CRI Ra 95                                                                                  |  |
|                         | color temperature (color consistency)                        | 2700–4000 K (3-step)      2200–3500 K (2-step 2200 K, 3-step 3500 K)                                   |  |
| electricity             | dimming                                                      | via trailing-edge phasecut dimmer*, Occhio air or DALI                                                 |  |
|                         | connection                                                   | 230 V AC / 50 Hz                                                                                       |  |
|                         | power factor power supply (cos $\phi$ 1)                     | 0.9                                                                                                    |  |
|                         | flicker / stroboscopic effect                                | 1 (PstLM) / 0.9 (SVM)                                                                                  |  |
|                         | permitted operating conditions                               | ambient temperature 10–30°C, for indoor use only                                                       |  |

\* For a list of compatible dimmers, see [www.occhio.com/dim\\_en](http://www.occhio.com/dim_en), trailing-edge phasecut dimmer, Occhio air and DALI not combinable

## Mito alto side 100 flat lighting effects



**side**  
concentrated light, beam angle approx. 50°

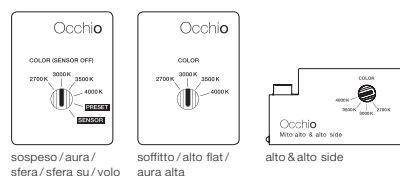
inserts: wallwash

luminous flux: high color 45 W 2400 lm

## control options

### Control

#### Mito set box



sospeso / aura /  
sfera / sfera su / volo

soffitto / alto flat /  
aura alta

alto & alto side

#### sospeso / aura / sfera / volo:

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

#### PRESET (sospeso / aura / volo)

adjustable color temperature (4 stages)  
adjustable up / down light intensity (5 stages)

#### 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 / aura alta:

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

\*not with sfera

#### Mito »air« box



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



sospeso / aura /  
sfera / volo

alto & alto side

#### 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 / aura alta

#### terra / largo / raggio:

»air«, »touchless control« (largo / raggio / terra)  
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

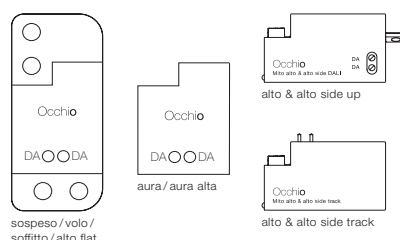
deactivation and adjustable via control  
and sensor with »air« app

#### alto / alto side / aura alta:

»air« (Bluetooth - control)  
control via Occhio air App or »air« controller  
switching, dimming »color tune« (color tempera-  
ture continuously adjustable), up / down fading  
(aura alta)

with Mito »air« box no external dimming possible

#### Mito DALI box (control via DALI)



sospeso / volo /  
soffitto / alto flat

aura / aura alta

alto & alto side track

#### sospeso / aura / aura alta / 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](http://www.occhio.com/dali)

## Mito alto side 100 flat DALI connection diagram

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

The Mito alto 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](http://www.occhio.com/dali).

