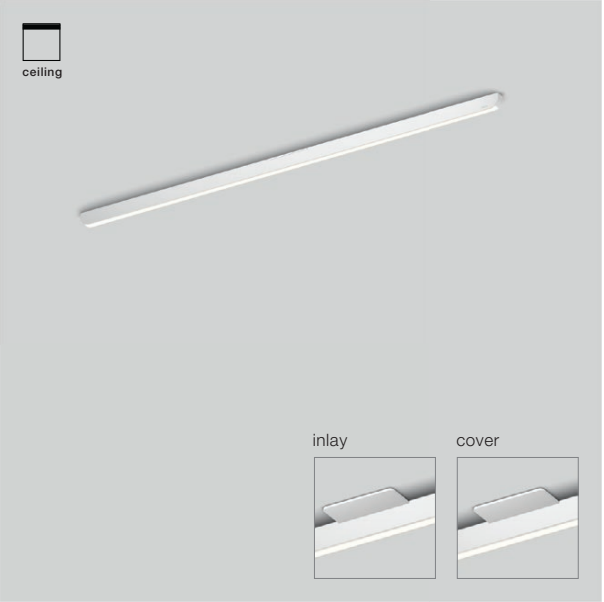
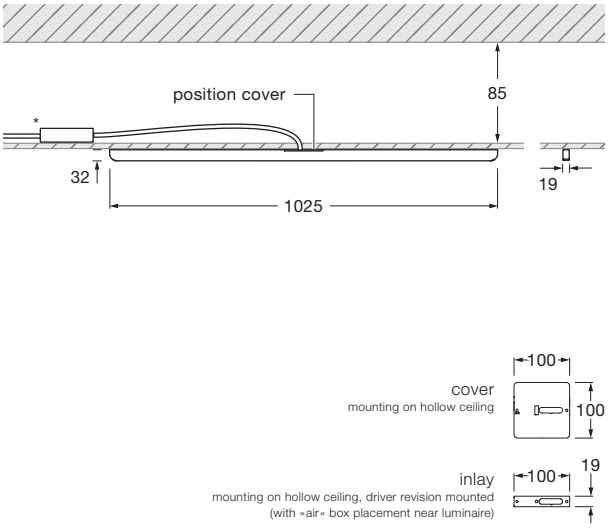
Occhio

Mito alto 100 flat datasheet

Linear LED ceiling light with single-sided light emission and length of 102,5 cm. There is a choice of the narrow light effect: narrow, glare-free light for perfect illumination in every application and the wide light effect: wide light for scattered illumination of spaces and surfaces. 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.





* incl. power supply unit L 170 x B 89 x H 27

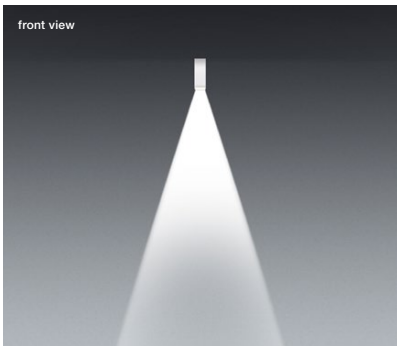
dimensions in mm

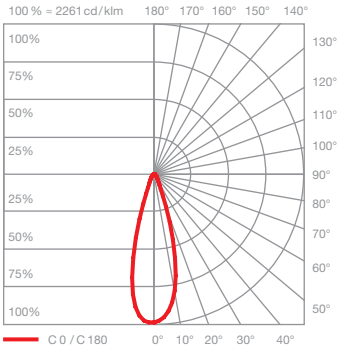
technical data Mito alto 100 flat

properties	material	head aluminium, painted, PVD-coated steel, optical plastic cover painted plastic	
	weight	1.6 kg	
surface	head	bronze, matt gold, rose gold, matt silver, matt white, matt black, 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 (2-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 φ1)	0.9	
	flicker / stroboscopic effect	(PstLM) / 0.9 (SVM)	
	permitted operating conditions	max. 30°C for indoor use only	

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

Mito alto 100 flat
lighting effects



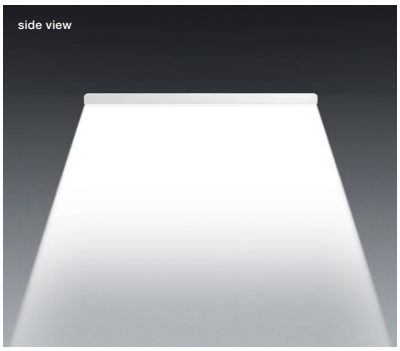


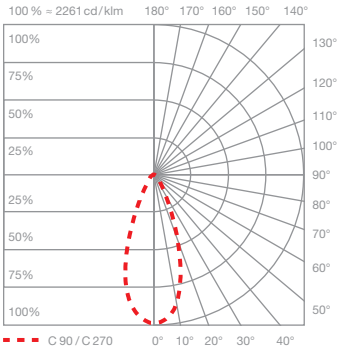
ceiling (narrow)
concentrated light, beam angle approx. 25°

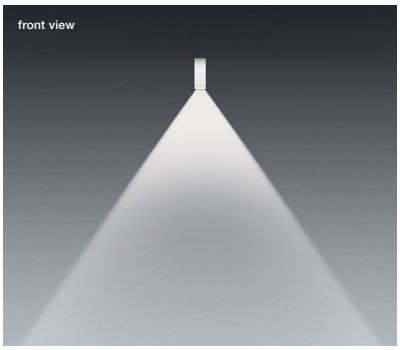
inserts: narrow

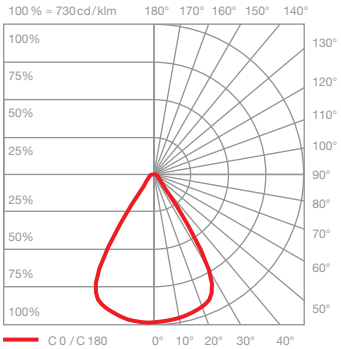
luminous flux: high color 45 W 2400 lm

UGR (4H8H) < 19 *







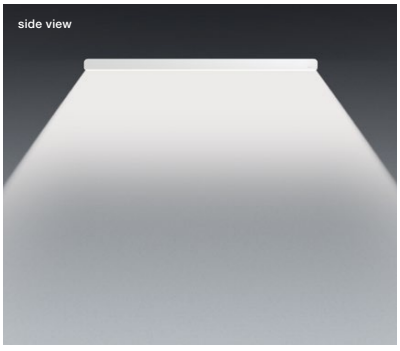


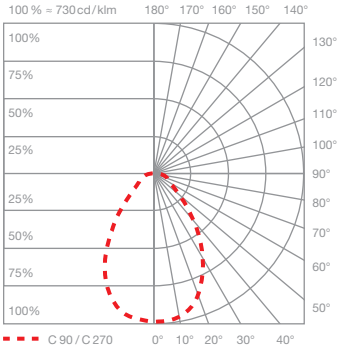
ceiling (wide)
wide-radiation light, beam angle approx. 80°

inserts: wide

luminous flux: high color 45 W 2400 lm

UGR (4H8H) > 19 *



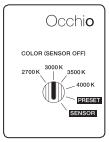


**For a reliable assessment of glare values in a real application of a luminaire we recommend to carry out an individual calculation which can be prepared by our lighting team (lightingdesign@occhio.de).*

control options

Control

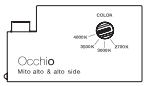
Mito set box



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

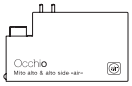
soffitto / alto / alto side / aura alta:
COLOR
adjustable color temperature (4 stages)
trailing-edge phase cut dimming possible

***not with sfera**

Mito »air« box



sospeso / aura / sfera / volo



alto & alto side



terra / raggio / largo / soffitto / alto flat / aura alta

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 / 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 temperature continuously adjustable), up / down fading (aura alta)

with Mito »air« box no external dimming possible

Mito DALI box (control via DALI)



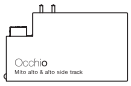
sospeso / volo / soffitto / alto flat



aura / aura alta



alto & alto side up



alto & alto side track

sospeso / aura / aura alta / volo:
– color tune adjustable*
– adjust continuously dimming
– up + downlight seperate controllable (two DALI adresses 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

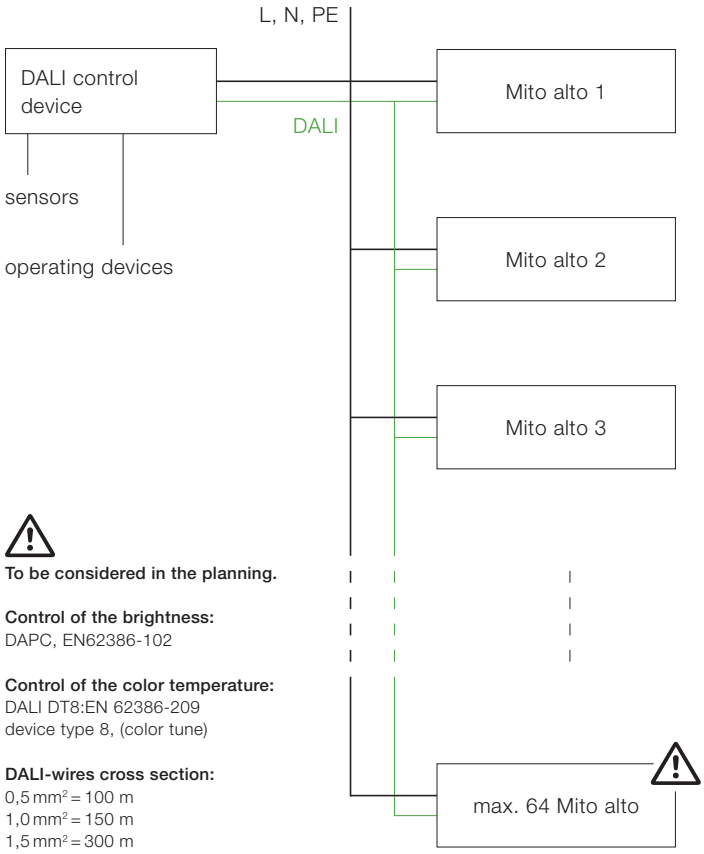
Mito alto 100 flat
DALI connection diagram

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.



To be considered in the planning.

Control of the brightness:
DAPC, EN62386-102

Control of the color temperature:
DALI DT8:EN 62386-209
device type 8, (color tune)

DALI-wires cross section:
0,5 mm² = 100 m
1,0 mm² = 150 m
1,5 mm² = 300 m