Occhio

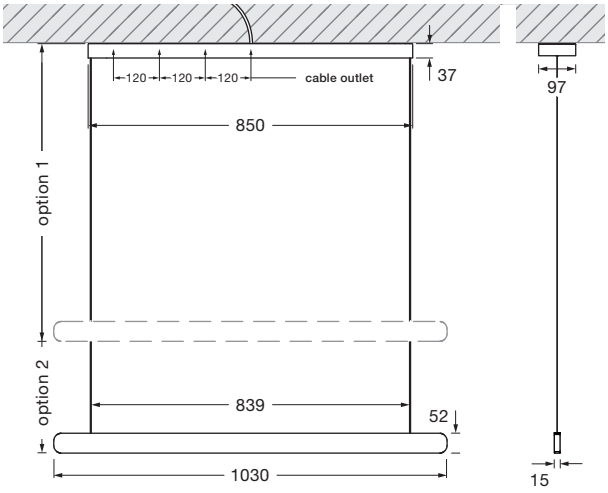
Mito volo 100 var up datasheet

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 suspension length of the luminaire is continuously adjustable and can be selected when ordering. Two options are available: Option 1 adjustment range 65 – 165 cm or option 2 adjustment range 135 – 235 cm.

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 (140), Mito volo fix up (100 / 140), Mito volo fix up midfeed (100 / 140)





option 1 adjustment range 650 – 1650
option 2 adjustment range 1350 – 2350
incl. power supply unit

dimensions in mm

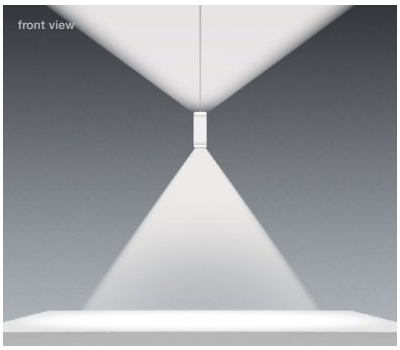
technical data Mito volo 100 var up

properties	material	**head** aluminium painted, PVD-coated steel, optical plastic **cover** painted plastic
	height adjustment	option 1 650 – 1650 mm (variable) / option 2 1350 – 2350 mm (variable)
	weight	3.3 kg
surface	head	bronze, matt gold, rose gold, matt silver, matt white, matt black
	cover	matt white, matt black
Occhio »color tune« LED	average life time	> 50.000 hrs
	energy efficiency class	A +
	power	45 W (incl. Occhio power supply unit approx. 52 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*, »touchless control«, 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 not combinable with »touchless control«, Occhio air and DALI**

IP20

Mito volo 100 var up
lighting effects



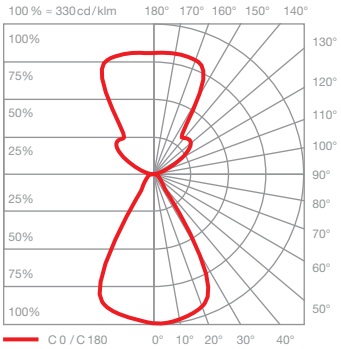
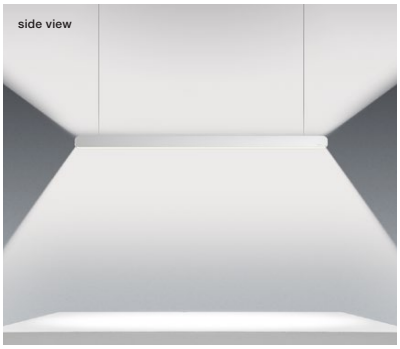


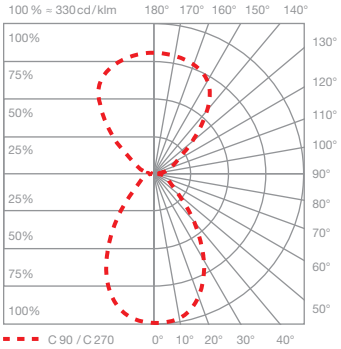
table (wide)
wide light beam (up and down), beam angle approx. 80° (down)

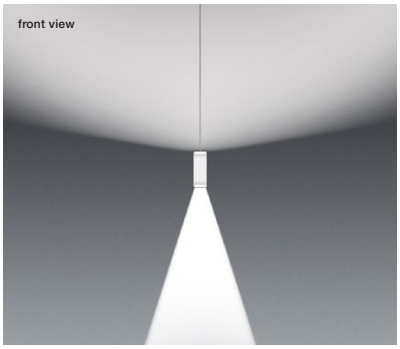
inserts: wide / flood

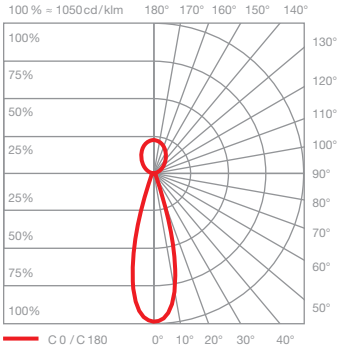
luminous flux: high color 45 W 2900 lm

UGR (4H8H) < 19 *







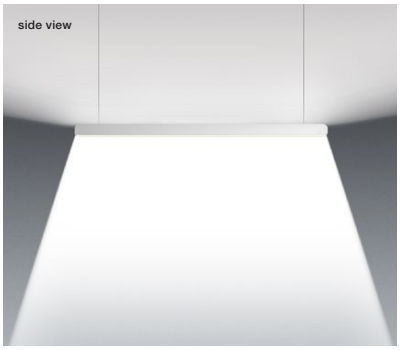


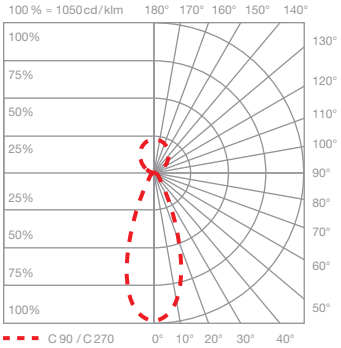
room (narrow)
concentrated light downwards, beam angle approx. 25°, diffuse upwards

inserts: narrow / diffuse

luminous flux: high color 45 W 2800 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 (project-support@occhio.de).

Occhio

Mito volo 100 var up connection diagram

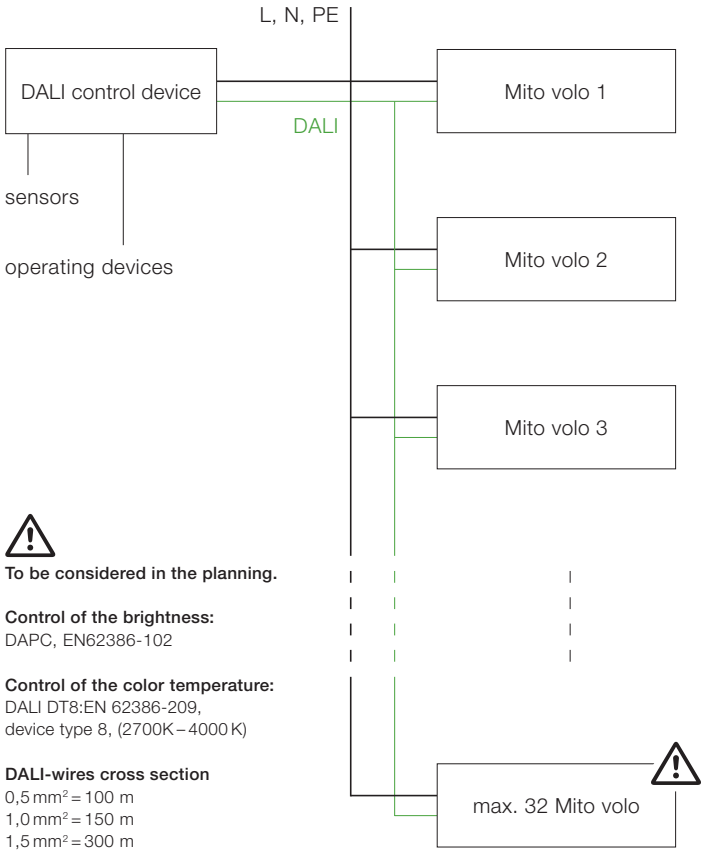
A maximum of 32 Mito volo units can be assigned to each DALI circuit.

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.



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, (2700K – 4000 K)

DALI-wires cross section
0,5 mm^2 = 100 m
1,0 mm^2 = 150 m
1,5 mm^2 = 300 m

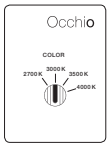
control options

control

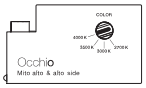
Mito set box (standard)



sospeso / volo



soffitto / alto flat



alto & alto side

sospeso / 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

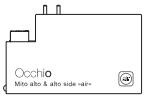
SENSOR
»touchless control« (gesture control)
switching, dimming, up / down fading
color tune (color temperature continuously adjustable)
no external dimming possible

alto / alto side:
COLOR
adjustable color temperature (4 steps)
trailing-edge phase cut dimming possible

Mito »air« box (optional)



sospeso / volo



alto & alto side

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

sospeso / 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)



terra / terra 3d / terra table top / soffitto / alto flat

Occhio air powered by Casambi

terra / terra 3d / terra table top:
»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 / 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

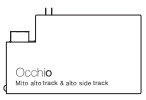
Mito DALI box (optional)



sospeso / volo / soffitto alto flat



alto up & alto side up



alto track & alto side track

control via DALI

sospeso / volo / soffitto / alto flat
- color tune adjustable**
- adjust continuously dimming
- up + downlight seperate controllable (two DALI adresses 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 / 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.de/dali