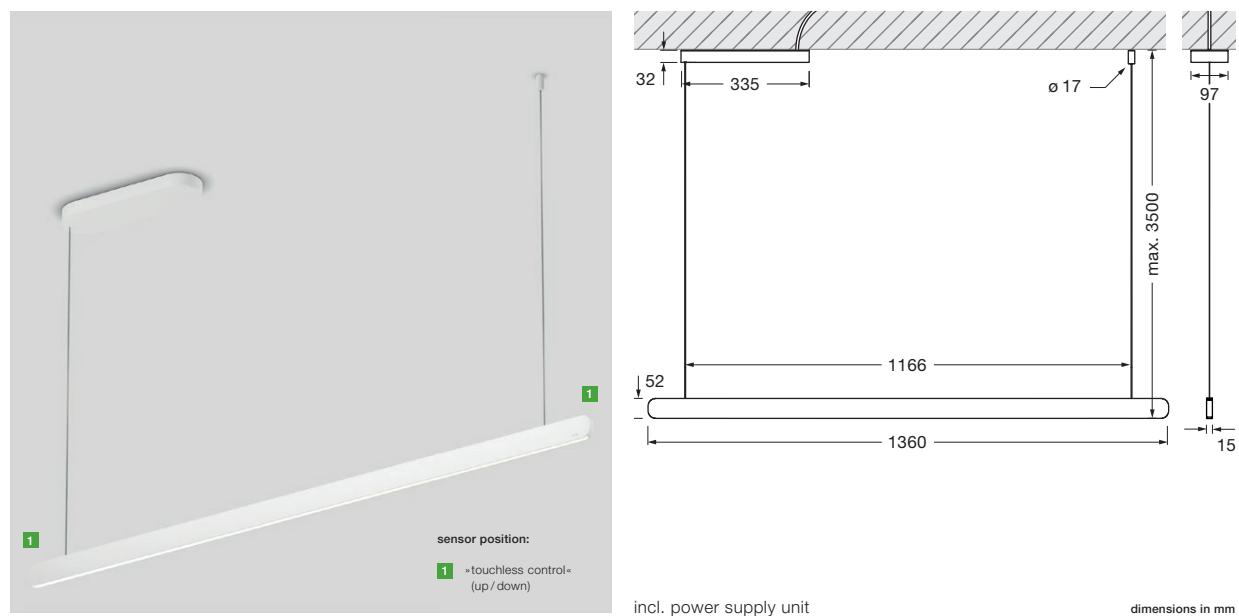


## Mito volo 140 fix up datasheet

Linear LED suspended luminaire with double-sided light emission and length of 136 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 is 50–350 cm (can be adjusted during fitting).

Version with integrated power supply unit for mounting on plaster surfaces; connection to 230 VAC 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).

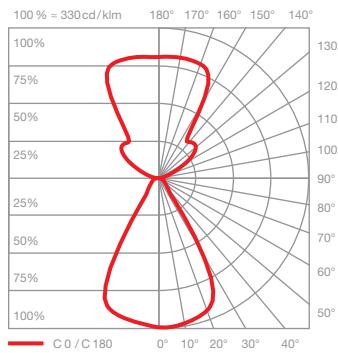


### technical data Mito volo 140 fix up

properties	material	head aluminium, painted, PVD-coated steel, optical plastic canopy painted plastic
	height setting	500–3500 mm (can be adjusted during fitting)
	weight	3.1 kg
surface	head	bronze, matt gold, rose gold, matt silver, matt white, matt black, phantom, black phantom
	canopy	matt white, matt black
Occhio »color tune« LED	average life time	>50.000 hrs
	energy efficiency class (luminous efficiency)	G (67 lm / W)
	power	LED 60 W (incl. Occhio power supply unit approx. 68 W, standby < 0.5 W)
	color rendering index	high color; CRI Ra 95
	color temperature (color consistency)	2700–4000K (2-step)
electricity	dimming	via trailing-edge phasecut dimmer*, »touchless control«, Occhio air or DALI
	connection	230V AC / 50 Hz
	power factor power supply ( $\cos \phi 1$ )	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](http://www.occhio.de/dim_en), trailing-edge phasecut dimmer, »touchless control«, Occhio air and DALI not combinable

## Mito volo 140 fix up lighting effects



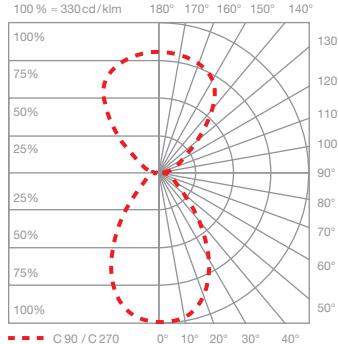
### table (wide)

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

inserts: wide / flood

luminous flux: high color 60 W 3900 lm

UGR (4H8H) < 19 \*



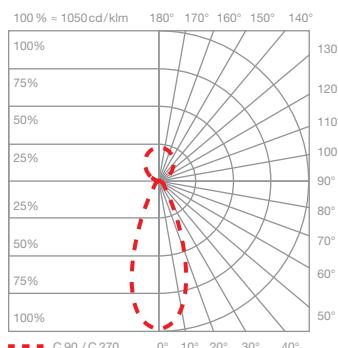
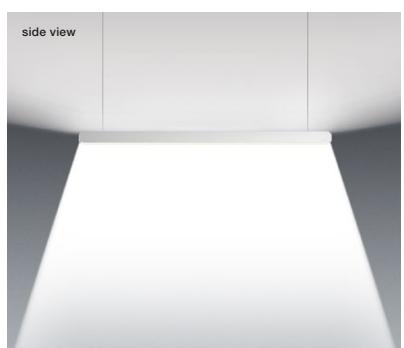
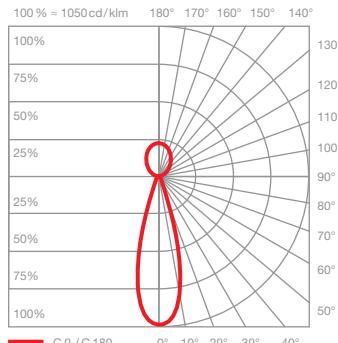
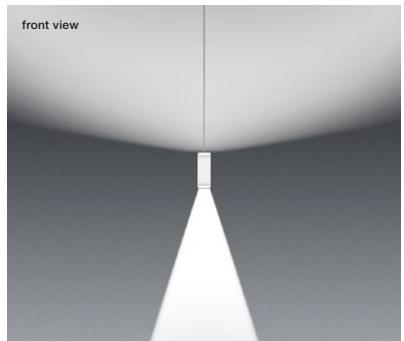
### room (narrow)

concentrated light downwards, beam angle approx. 25°, diffuse upwards

inserts: narrow / diffuse

luminous flux: high color 60 W 3700 lm

UGR (4H8H) < 19 \*



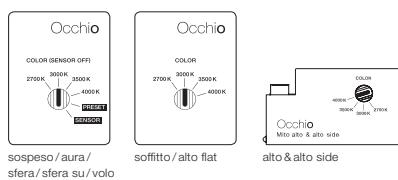
\*For a reliable assessment of glare values in a real application of a luminaire we recommend to carry out an individual calculation which can be prepared by our lighting team (project-support@occhio.de).

# Occhio

## control options

### Control

#### Mito set box



#### 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

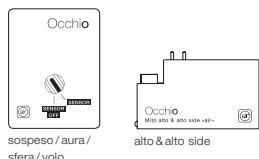
»touchless control« (gesture control)  
switching, dimming, up / down fading\*  
»color tune« (color temperature continuously  
adjustable)  
no external dimming possible

#### soffitto / alto / alto side:

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

\*not with sfera

#### Mito »air« box



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« 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

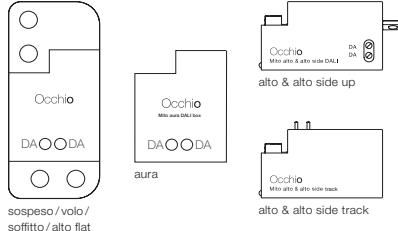
deactivation and adjustable via control  
and sensor with »air« app

with Mito »air« box no external dimming possible

#### alto / alto side:

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

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



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

## Mito volo 140 fix up DALI 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.com/dali](http://www.occhio.com/dali).

