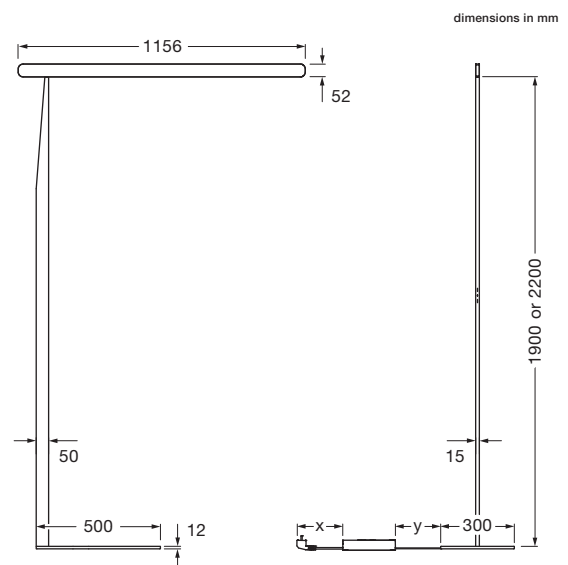


## Mito terra fix 190 / 220 datasheet

Linear LED free-standing luminaire with double-sided light emission and a height of 190 cm or 220 cm (body). Asymmetrical light pattern for linear illumination of tables or counters/workstations – wide, anti-glare light beam directed downwards and upwards. An automatic mode is available for Office applications: Measurement of ambient light by »ambient light control« and automatic control of brightness according to the desired settings. The »presence sensor« of the light allows switching by absence or presence in the room. Connection via plug-in power supply (converter) to 230VAC/50Hz mains voltage, head can be removed for maintenance purposes. Power max. 70 W, control via »touchless control« (gesture control at the head), »body sensor« at the luminaire unit, »ambient light control« (ambient light sensor at the head), »presence sensor« (motion sensor at the head) or with Occhio air. The sensors »touchless control« + »body sensor«, »ambient light control«, »presence sensor« can be deactivated via Occhio air app.

Other version: Mito terra var, Mito terra 3d



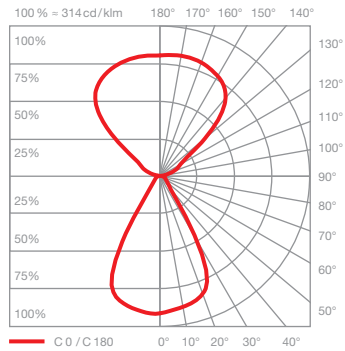
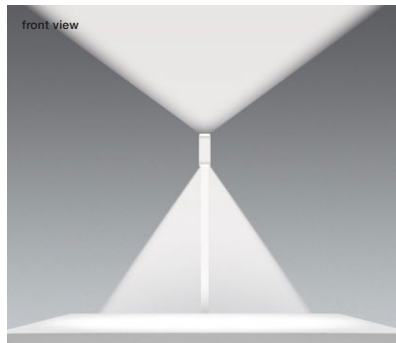
### technical data Mito terra fix 190 / 220

properties	material	head/body aluminium, painted, anodised or PVD-coated, optical plastic base powder-coated
	cable length	power supply unit (x): 1 m luminaire (y): 2 m of which 1.5 m are retractable
	weight	Mito terra fix 190: 19.0 kg Mito terra fix 220: 19.5 kg
surface	head	bronze, matt gold, rose gold, matt silver, matt white, matt black
	body/base	matt silver, matt white, matt black
Occhio »color tune« LED	average life time	> 50.000 hrs
	energy efficiency class	A+
	power	70 W (incl. Occhio power supply unit approx. 76 W)/matt black, matt white, matt gold, matt silver 56 W (incl. Occhio power supply unit approx. 63 W)/bronze, rose gold
	color rendering index	high color; CRI Ra 95
	color temperature	2700–4000 K
	recommended use	residential, office
electricity	dimming	via »touchless control«, »body sensor« or with Occhio air
	connection	230 V AC / 50 Hz
	permitted operating conditions	max. 30°C for indoor use only

Anodised (matt gold) and PVD surfaces (rose gold, bronze) may differ slightly from other product lines.



## Mito terra fix 190 / 220 lighting effects



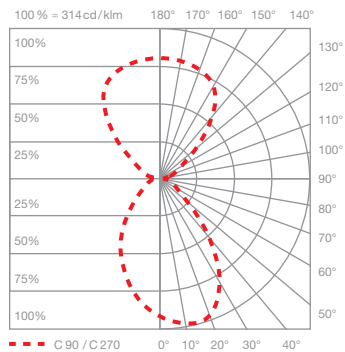
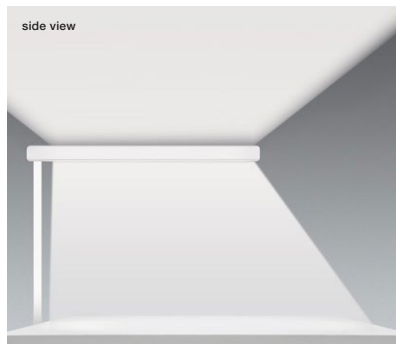
### table (wide)

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

inserts: wide / flood

luminous flux:	high color	70 W*	4600 lm
	high color	56 W**	3600 lm

UGR (4H8H) < 19\*\*\*



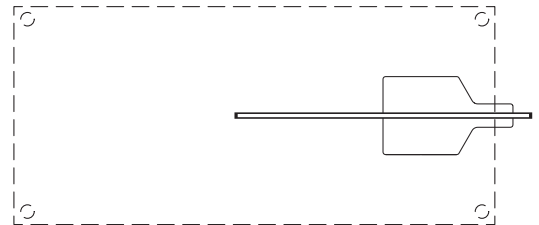
\* (matt black, matt white, matt gold, matt silver)

\*\* (bronze, rose gold)

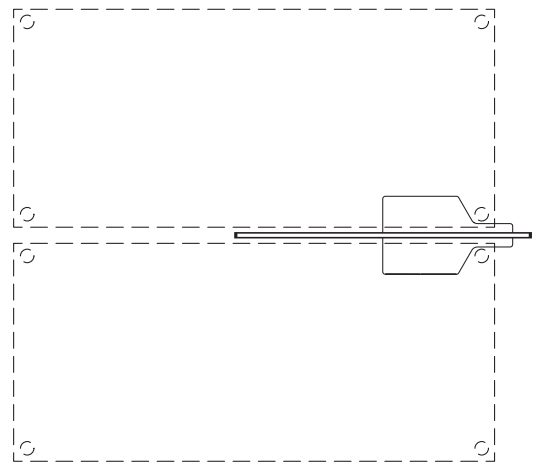
\*\*\* For a reliable assessment of glare values in a real application of a luminaire we recommend to carry out an individual calculation which can be prepared by our lighting team ([project-support@occhio.de](mailto:project-support@occhio.de)).

## Orientation

**Mito terra fix 190**  
single workstation



**Mito terra fix 220**  
double workstation



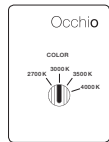
## control options

### control

#### Mito set box (standard)



sospeso / volo



soffitto / alto flat



alto up & 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

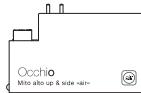
#### soffitto / alto flat / alto up & side:

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

#### Mito »air« box (optional)



sospeso / volo



alto up & 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 /  
soffitto / alto flat

#### 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

#### soffitto / alto flat / alto up & side:

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

**Occhio air  
powered by  
Casambi**

with Mito air box no external dimming possible

#### Mito DALI box (optional)



sospeso / volo /  
soffitto / alto flat



alto up & side

#### control via DALI

##### sospeso / volo / soffitto / alto flat

- 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 up & 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](http://www.occhio.de/dali)