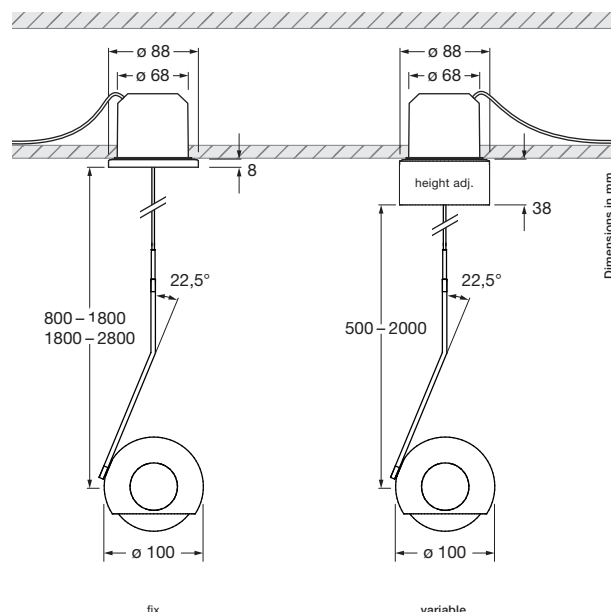
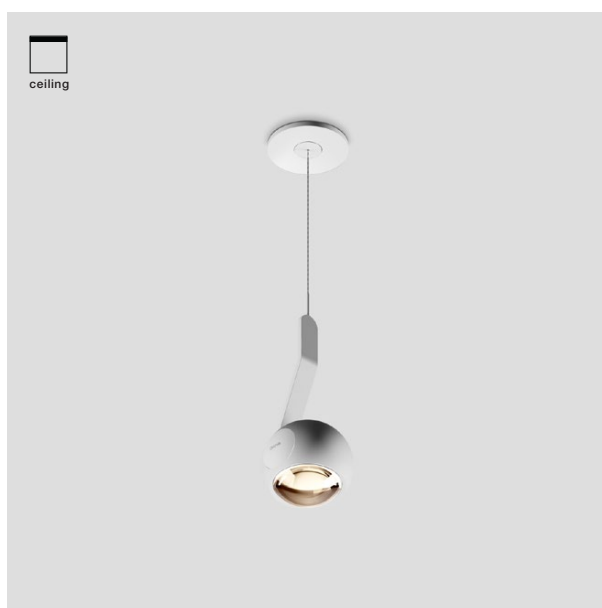


io sospeso flat datasheet

LED ceiling spotlight with spherical head and lens optics; version with flat base for fitting onto built-in box or ceiling box; power supply with external power source (converter). Available as version with continuous height adjustment or fixed adjustable height. Movable in any direction thanks to Occhio 3D kinematics with two pivots set at an angle of 22.5° to each other; operation via heat-insulated grip pads. Head can be taken off for maintenance; replaceable LED. Power 18 W or 13 W (preselectable); dimmable via customer-supplied dimmable ballast or by hand movement control via touchless sensor (can be deactivated). Lighting effect can be changed through optional inserts; dichroitic color filters can be additionally inserted. Surface combinations of head, pads, body and base can be configured as desired; pads changeable.






















technical data io sospeso flat

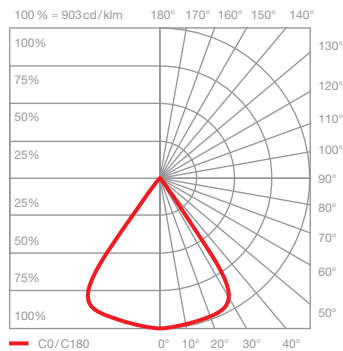
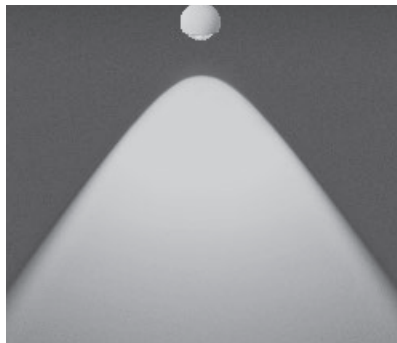
| | | | |
|-------------|---|---|---------------------------------|
| properties | material | aluminium, zinc chrome-plated or painted, optical plastic, glass | |
| | length | variable: 500 – 2000 mm / fix: max. 800 – 1800 mm / 1800 – 2800 mm | |
| | turning range head / body | 360° | |
| | weight | variable: 1.5 kg / fix: 0.9 kg | |
| surface | head | matt gold, rose gold, bronze, shiny chrome, matt chrome, glossy white, matt white, matt black, phantom, black phantom | |
| | pads | rose gold, bronze, shiny chrome, matt chrome, glossy white, matt white, matt black | |
| | body | shiny chrome, matt chrome, matt white, matt black | |
| | base | shiny chrome, matt chrome, glossy white, matt white, matt black | |
| Occhio LED | average life time | > 50.000 hrs | |
| | energy efficiency class (luminous efficiency) | G (63 lm / W) | |
| | power | LED 18 W (incl. Occhio power supply unit approx. 22 W, standby < 0.5 W) / LED 13 W (incl. Occhio power supply unit approx. 15 W, standby < 0.5 W) | |
| | color rendering index | perfect color; CRI Ra 97 | high flux; CRI Ra 85 |
| | color temperature (color consistency) | 2700 K, 3000 K (2-step) | 3000 K, 3500 K, 4000 K (2-step) |
| electricity | dimming | via »touchless control« (can be deactivated), alternative with trailing edge phase-cut dimmer or Occhio air* | |
| | power supply unit | external driven by constant current source 42...48 V DC / min. 22 W | |
| | power factor power supply (cos φ1) | 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.com/dim_en

io sospeso flat
overview inserts

| | | | | |
|--|---|---|---|---|
| io head |  |  |  |  |
| satinised glass | | |  | |
| soft edge glass | |  | | |
| fresnel lens | | | |  |
| color filter (optional, power of light source max. 13 W) |  |  |  |  |
| lens |  |  |  |  |
| |  |  |  |  |
| | io C | io C with soft edge glass | io C with satinised glass | io C with fresnel lens |

io sospeso flat lighting effects

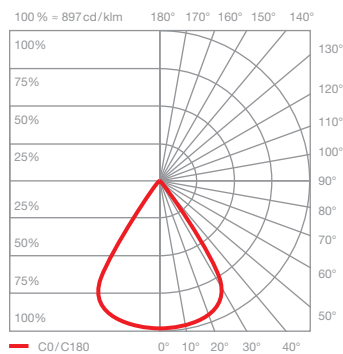
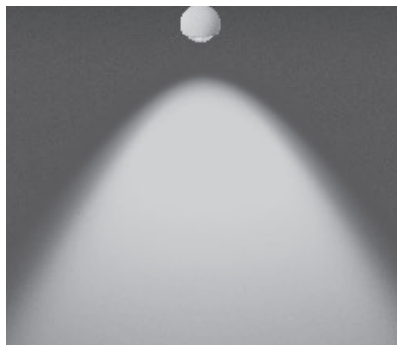


io C

directed light (approx. 80°)

inserts: lens

| | | | |
|----------------|---------------|------|---------|
| luminous flux: | perfect color | 18 W | 1170 lm |
| | high flux | 18 W | 1610 lm |
| | perfect color | 13 W | 800 lm |
| | high flux | 13 W | 1170 lm |

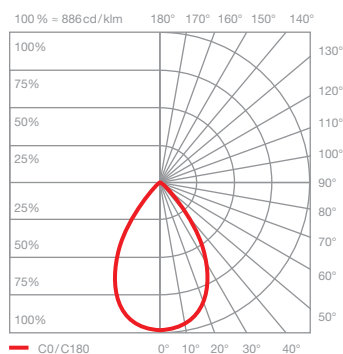
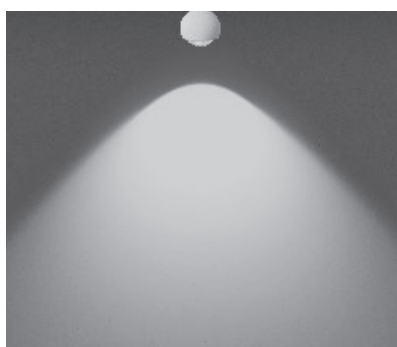


io C with soft edge glass

directed light with soft contour of the beam angle (approx. 80°)

inserts: lens
soft edge glass

| | | | |
|----------------|---------------|------|---------|
| luminous flux: | perfect color | 18 W | 1070 lm |
| | high flux | 18 W | 1470 lm |
| | perfect color | 13 W | 740 lm |
| | high flux | 13 W | 1070 lm |

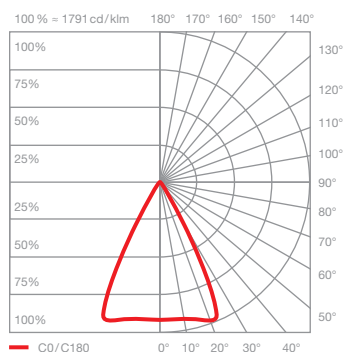
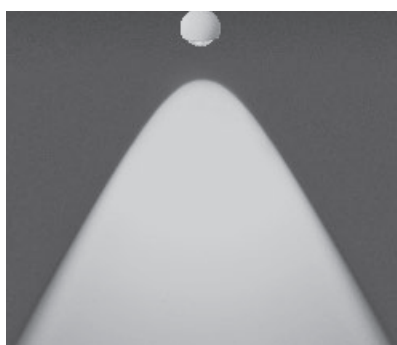


io C with satinised glass

diffused light with soft widening of the beam angle (approx. 100°)

inserts: lens
satinised glass

| | | | |
|----------------|---------------|------|---------|
| luminous flux: | perfect color | 18 W | 910 lm |
| | high flux | 18 W | 1250 lm |
| | perfect color | 13 W | 630 lm |
| | high flux | 13 W | 910 lm |



io C with fresnel lens

bundled light
beam angle approx. 60°

inserts: lens
fresnel lens

| | | | |
|----------------|---------------|------|---------|
| luminous flux: | perfect color | 18 W | 990 lm |
| | high flux | 18 W | 1360 lm |
| | perfect color | 13 W | 680 lm |
| | high flux | 13 W | 990 lm |