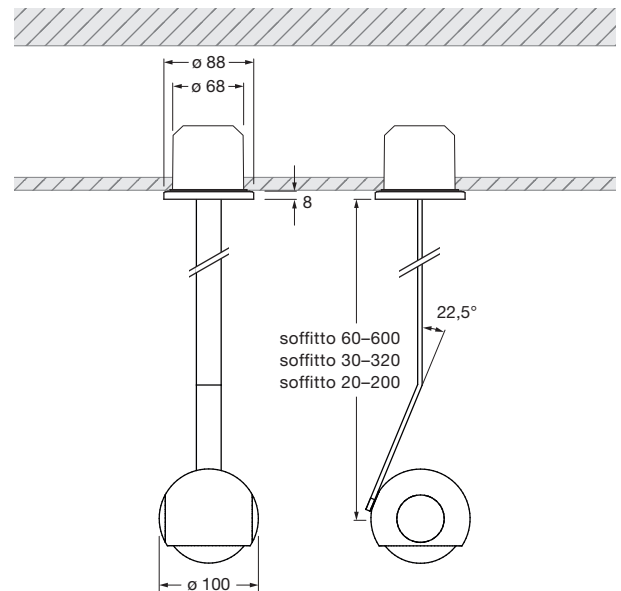


io soffitto flat datasheet

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). 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 18W or 13W (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.

Other versions: soffitto up (with surface mount transformer), soffitto plug (with plug-in point in mounting plate), soffitto track (1 or 3 phase tracks).



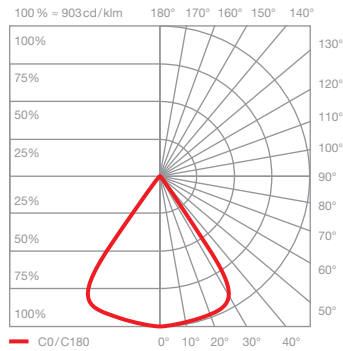
technical data io soffitto flat

| | | | |
|-------------|--------------------------------|---|------------------------|
| properties | material | aluminium, zinc chrome-plated or painted, optical plastic, glass | |
| | turning range head | 360° | |
| | turning range body | 360° (with stop) | |
| | weight | 1.10 kg | |
| surface | head | matt gold, rose gold, bronze, shiny chrome, matt chrome, glossy white, matt white, matt black | |
| | 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 | A ++ / A + | |
| | power | 18 W (preselectable 18 W / 13 W) | |
| | color rendering index | perfect color; CRI Ra 97 | high flux; CRI Ra 85 |
| | color temperature | 2700 K, 3000 K | 3000 K, 3500 K, 4000 K |
| | recommended use | residential and commercial | commercial |
| electricity | dimming | by integrated touchless sensor in head or external with trailing edge phase dimmer*, push button, 1-10V | |
| | power supply unit | external driven by constant current source 42...48V DC / min. 22 W | |
| | permitted operating conditions | max. 30°C for indoor use only | |

* For a list of compatible dimmers, see www.occhio.de/dim_en



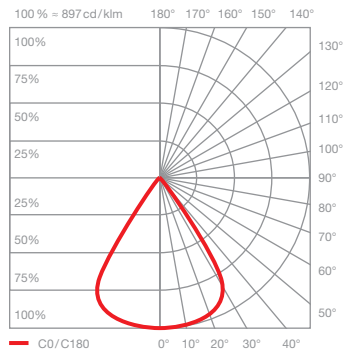
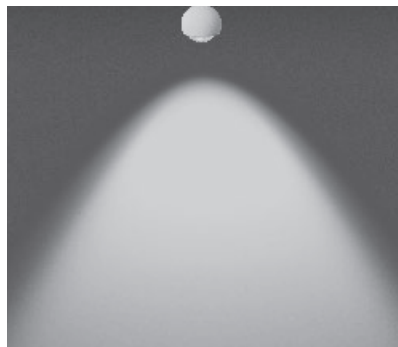
io soffitto flat lighting effects



io C
directed light
(approx. 80°)

inserts: lens

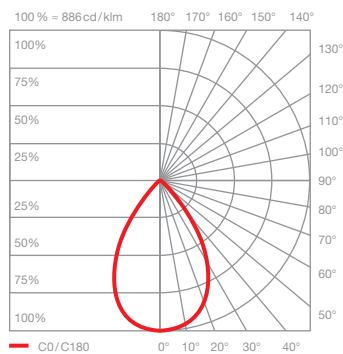
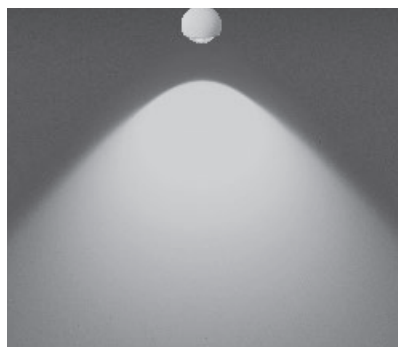
| | | | |
|----------------|---------------|-----|--------|
| luminous flux: | perfect color | 18W | 1170lm |
| | high flux | 18W | 1610lm |
| | perfect color | 13W | 800lm |
| | high flux | 13W | 1170lm |



io C with soft edge glass
directed light with soft contour of the
beam angle
(approx. 80°)

inserts: lens
soft edge glass

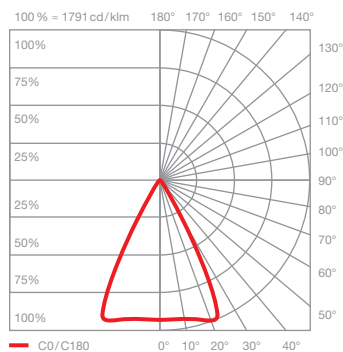
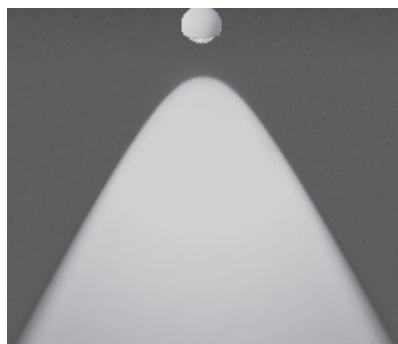
| | | | |
|----------------|---------------|-----|--------|
| luminous flux: | perfect color | 18W | 1070lm |
| | high flux | 18W | 1470lm |
| | perfect color | 13W | 740lm |
| | high flux | 13W | 1070lm |



io C with satinised glass
diffused light with soft widening of the beam
angle
(approx. 100°)

inserts: lens
satinised glass

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



io C with fresnel lens
bundled light
beam angle approx. 60°

inserts: lens
fresnel lens

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