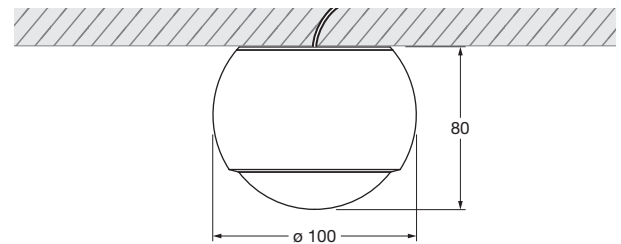


## io alto v VOLT datasheet

LED ceiling spotlight as a downlight with spherical head and lens optics. Version for mounting on plaster surfaces; connection to 230 V AC / 50 Hz mains voltage; dimmable via trailing-edge phase-cut dimmer\*.

Lighting effect through optional inserts can be changed at any time using a simple mechanism. The VOLT light engine is replaceable.



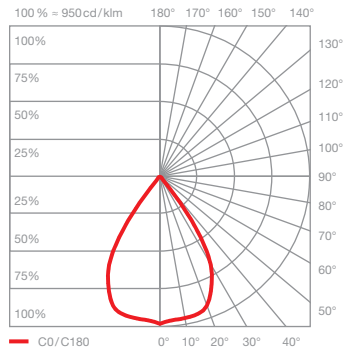
Dimensions in mm

### technical data io alto v VOLT

properties	material	aluminium chrome-plated, painted or anodised, plastic, glass, optical plastic
	weight	0.65 kg
surface	head	matt gold, rose gold, bronze, shiny chrome, glossy white, matt white, matt black, phantom, black phantom
	VOLT light engine	
	average life time	> 40.000 hrs
	energy efficiency class (luminous efficiency)	G (59 lm / W)
	power	LED 13 W
	color rendering index	perfect color; CRI Ra 97
	color temperature (color consistency)	2700 K, 3000 K (2-step)
electricity	dimming	trailing-edge phase cut dimmer*
	connection	operation at 230 V 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)

## io alto v VOLT lighting effects

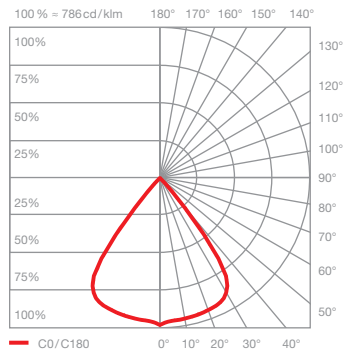
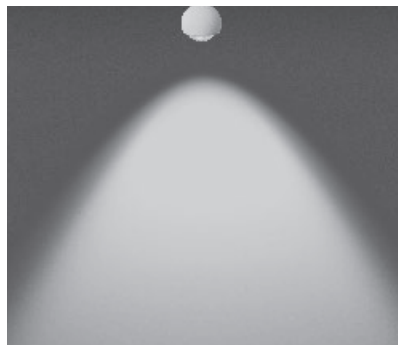


**io C**  
directed light with contour beam angle  
(approx. 80°)\*

inserts: lens

luminous flux: perfect color 13W 650lm

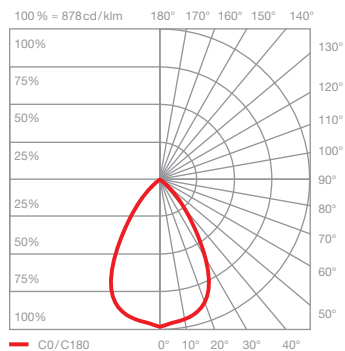
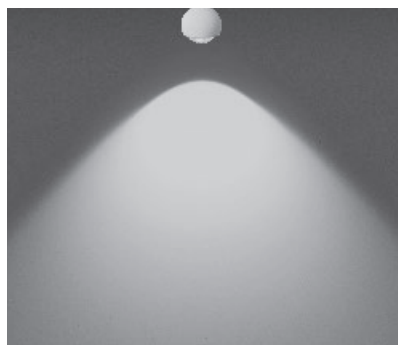
\*without aperture



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

inserts: lens  
soft edge glass

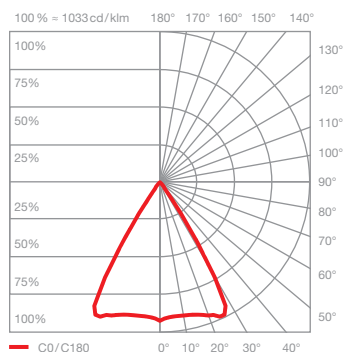
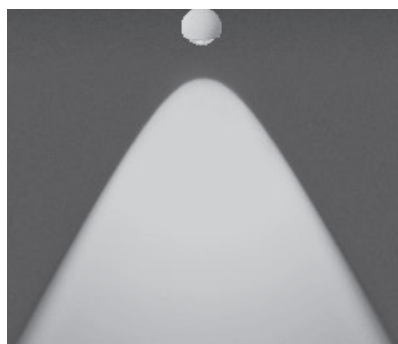
luminous flux: perfect color 13W 580lm



**io C with satinised glass**  
directed light with soft contour beam angle  
(approx. 100°)

inserts: lens  
satinised glass

luminous flux: perfect color 13W 510lm



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

inserts: lens  
fresnel lens

luminous flux: perfect color 13W 560lm