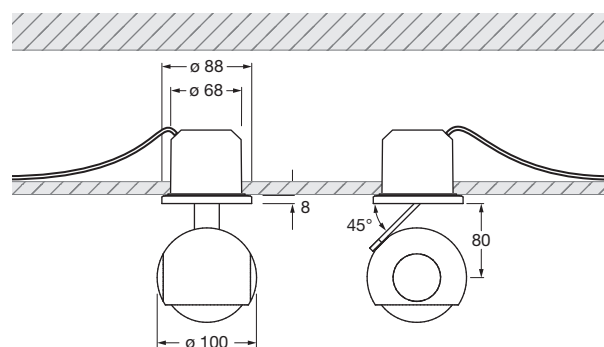
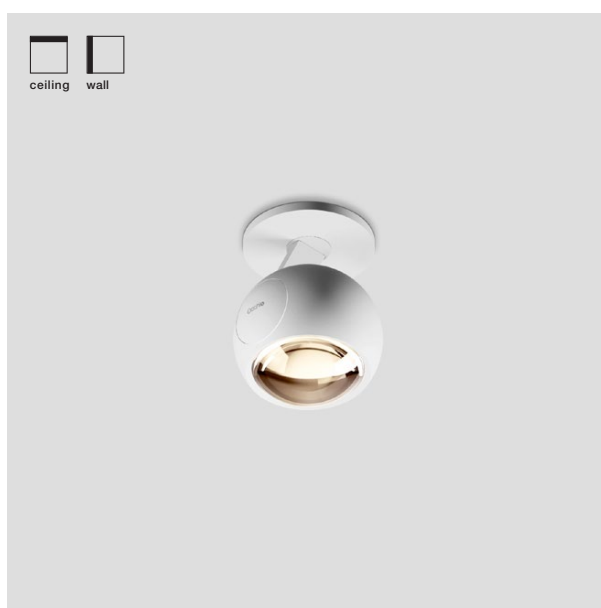


io pico flat datasheet

LED ceiling/wall 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 45° 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.



Dimensions in mm

technical data io pico flat

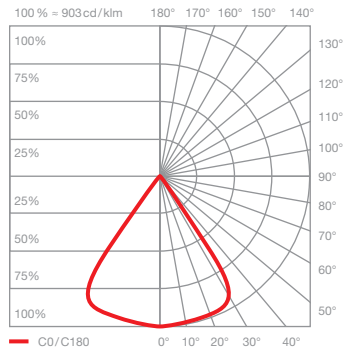
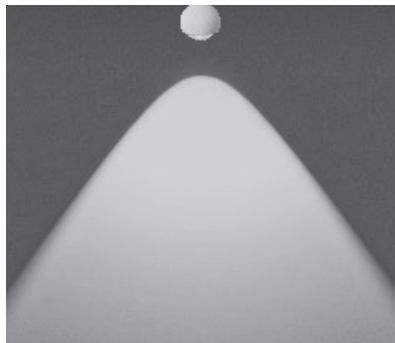
properties	material	aluminium, zinc chrome-plated or painted, optical plastic, glass
	turning range head	360°
	turning range body	360° (with stop)
	weight	1.0 kg
surface	head	matt gold, rose gold, bronze, shiny chrome, dark chrome, matt chrome, glossy white, matt white, matt black, phantom, black phantom
	pads	rose gold, bronze, shiny chrome, dark chrome, matt chrome, glossy white, matt white, matt black
	body	shiny chrome, dark chrome, matt chrome, matt white, matt black
	base	shiny chrome, dark 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	by integrated touchless sensor in head or external with trailing edge phase dimmer*, push button, 1–10 V
	power factor power supply (cos φ1)	0.9
	flicker / stroboscopic effect	1 (PstLM) / 0.9 (SVM)
	power supply unit	external driven by constant current source 42...48 V DC / min. 22 W
	permitted operating conditions	ambient temperature 10–30°C, for indoor use only

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

io pico flat
overview inserts

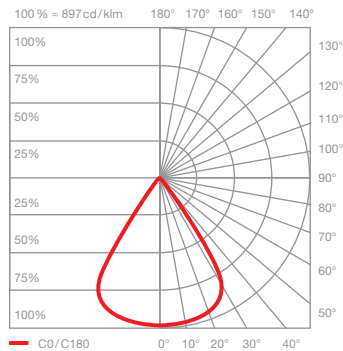
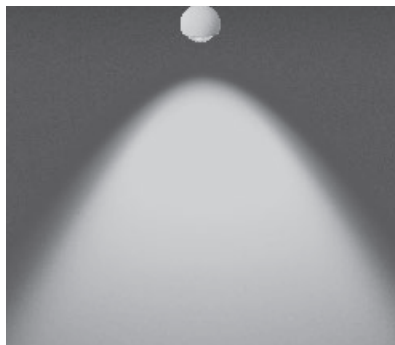
io head				
satinised glass				
soft edge glass				
fresnel lens				
color filter (optional, power of light source max. 13 W)				
lens				
				
	io C	io C with soft edge glass	io C with satinised glass	io C with fresnel lens

io pico flat lighting effects



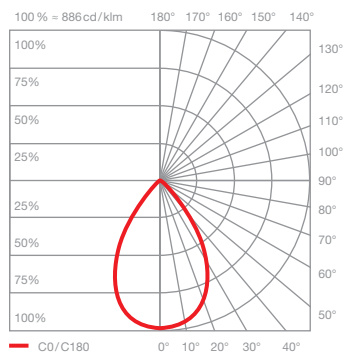
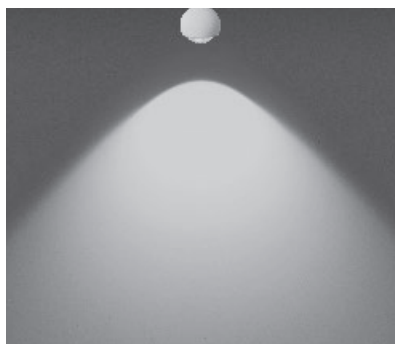
io C directed light (approx. 80°)

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	



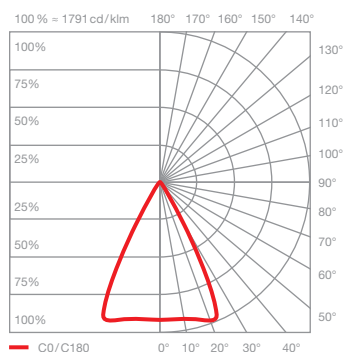
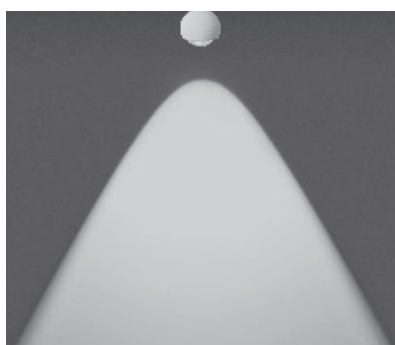
io C with soft edge glass directed light with soft contour of the beam angle (approx. 80°)

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	