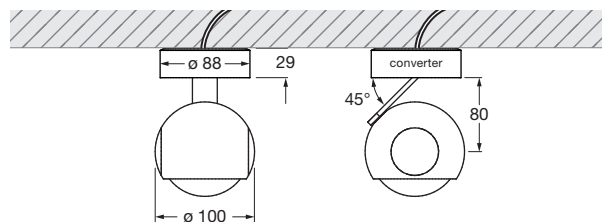
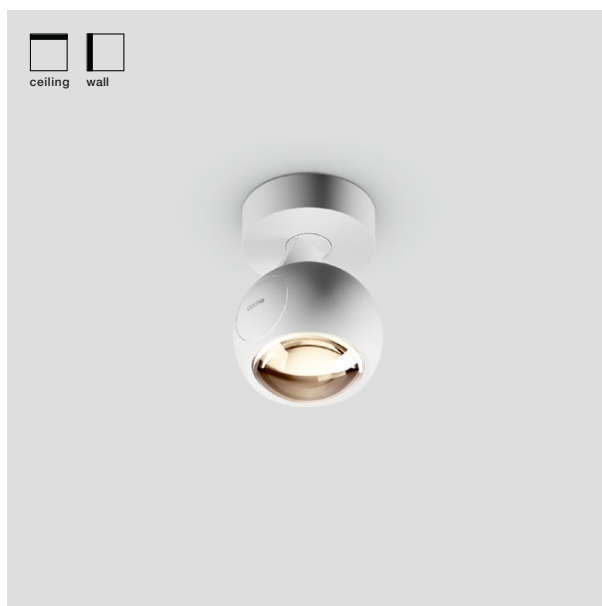


## io pico up datasheet

LED ceiling / wall spotlight with spherical head and lens optics; version with surface mount transformer for fitting onto solid ceiling / wall with cable outlet, power supply with internal 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 up

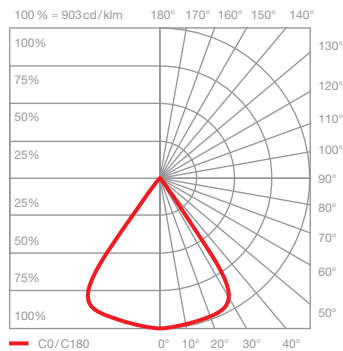
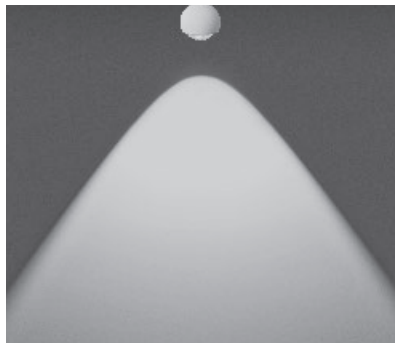
properties	material	aluminium, zinc chrome-plated or painted, optical plastic, glass	
	turning range head	360°	
	turning range body	360° (with stop)	
	weight	1.10 kg	
surface	head	matt gold, rose gold, bronze, shiny chrome, matt chrome, glossy white, matt white, matt black, phantom, black phantom	
	pads	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	by integrated touchless sensor in head or external with trailing edge phase dimmer*	
	power supply unit	integrated operating voltage 230 V AC	
	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](http://www.occhio.com/dim_en)

io pico up  
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 up lighting effects

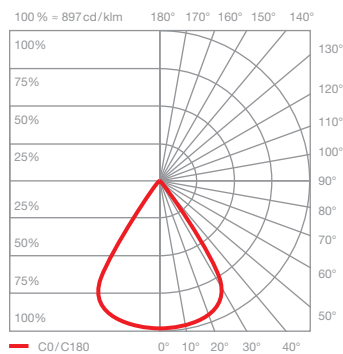
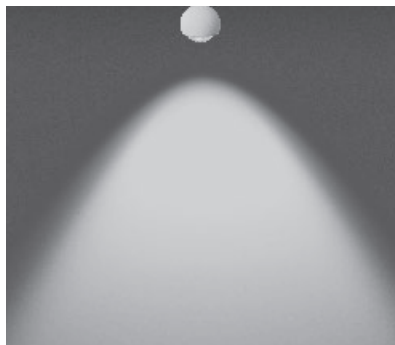


### io C

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

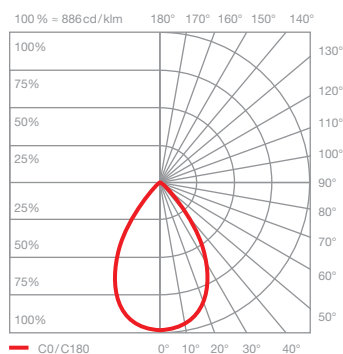
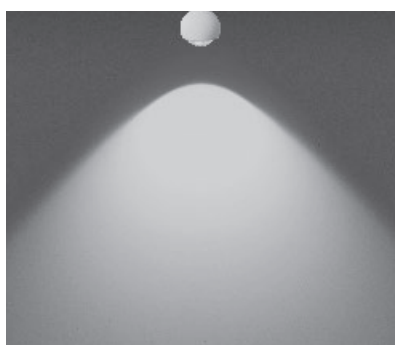


### io C with soft edge glass

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

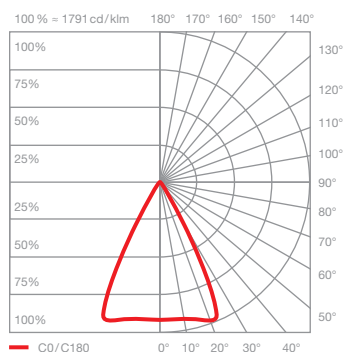
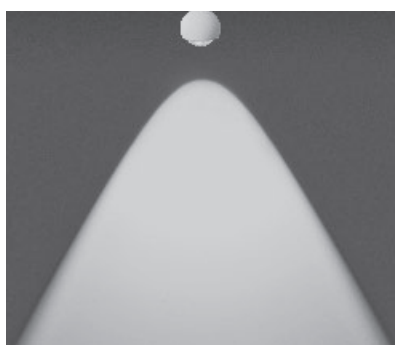


### io C with satinised glass

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