

Solo LED.

Light and form - forever one.

114 lm/W



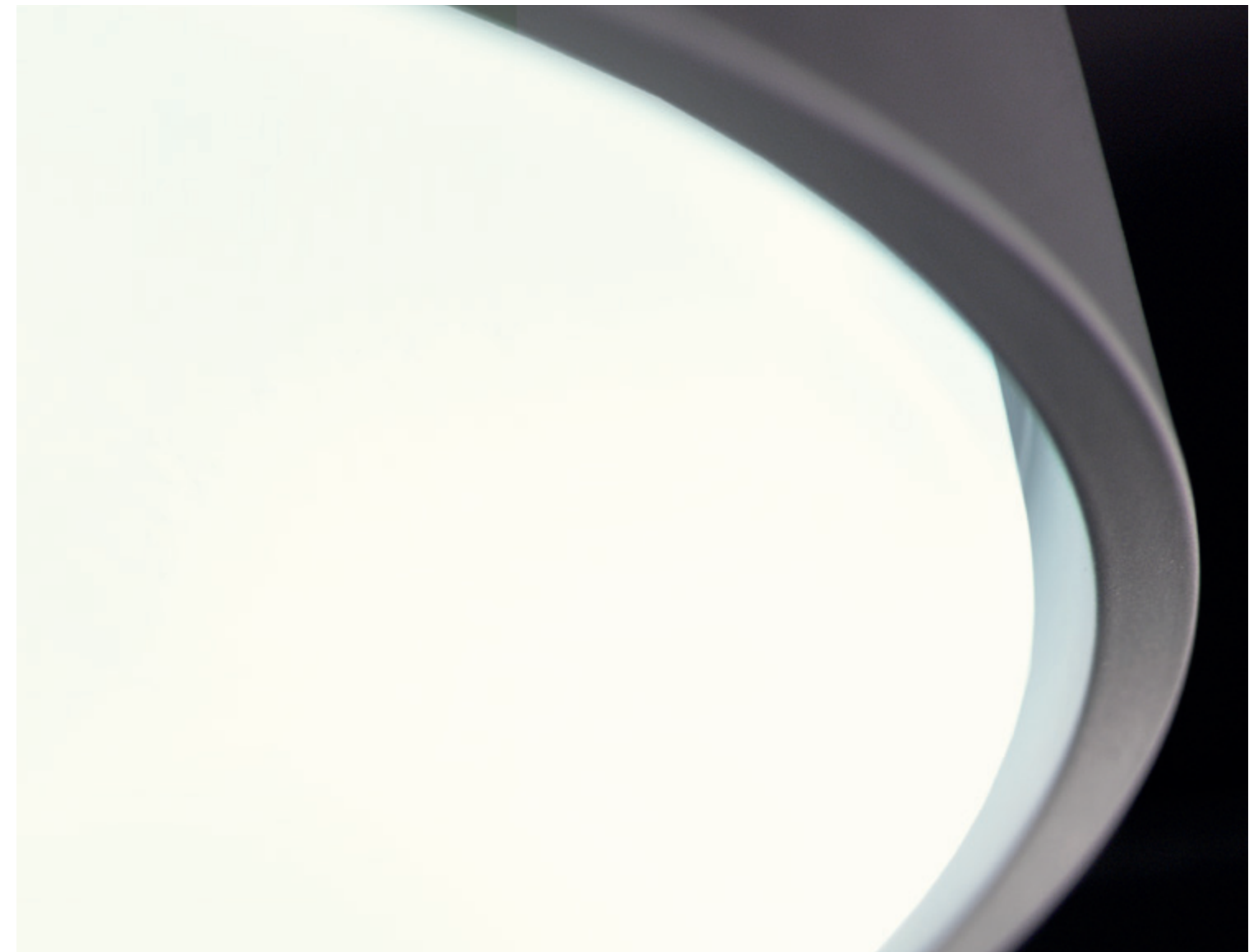


Primary school in Vollèges, Switzerland; Savioz Fabrizzi Architects

The challenge.

All-round perfection.

No matter what kind of project you are designing the lighting for – a permanently installed luminaire should blend in perfectly with the surroundings and enhance the architectural concept without overplaying specific details. The professional selection of materials together with quality workmanship and innovative LED technology are the best guarantee for creating a luminaire that not only ensures quality lighting, but is also first-rate when it comes to efficiency.



The solution.

Efficiency with a touch of class – Solo LED.

The design of the Solo LED luminaire is clean and clear, thus enhancing its versatility in application. To meet architectural and lighting needs, the housing of the surface-mounted luminaire is constructed from one piece of aluminium.

- clear formal language
- perfect uniform spread of light across the diffuser
- housing made of high-quality machined aluminium
- choice of surface and recessed mounting options
- LED module can be replaced on site
- 3 lumen packages to meet application requirements



- housing made of high-quality machined aluminium
- clear formal language

- harmonious design, available in four different diameters

- LED circuit board designed specifically for Solo LED
- LED module can be replaced on site

- perfect uniform spread of light across the diffuser

Product range overview Solo LED / Solo Office C-LED.
All versions available with diffuser or C-LED

Ø Recessed and surface mounted luminaire		Recessed			Surface-mounted
		without rim	with rim	for setting in concrete	
414/430	HE	•	•	–	•
	HPE	•	•	–	•
514/530	xHE	•	•	•	•
	HE	•	•	•	•
	HPE	•	•	•	•
670/680	xHE	•	•	•	•
	HE	•	•	•	•
	HPE	•	•	•	•
970/980	xHE	•	•	•	•
	HE	•	•	•	•
	HPE	•	•	•	•

xHE: extreme High Efficiency
HE: High Efficiency
HPE: High Performance Efficiency

Solo LED.

Everything at a glance.

Recessed or surface-mounting LED ceiling luminaire, with passive cooling, up to 114 lm/W colour temperature 4000K or 3000K, colour rendering index CRI > 80 lifespan L70 > 60,000h, recessed luminaire with round metal housing, Ø 964 mm, 664 mm, 514 mm or 414 mm, RAL 9016 powder-coated in white, with/without rim or for embedding in concrete. Surface-mounted luminaire Ø 980 mm, 680 mm, 530 mm or 430 mm. Aluminium housing, no visible screws or division between luminaire and ceiling surface. Height = 130 mm. Choice of optics: C-LED (Controlled Luminance Diffuser) for defined light diffusion, flush with ceiling, suitable for application in offices with UGR < 19 and Lmax > 65° < 3000 cd/m² or opal diffuser, flush-mounted. All versions with uniform spread of light across the diffuser. Waiting area design. Ø 980/964 mm available in 78 W, 114 W, 190 W, Ø 680/670 mm available in 37 W, 55 W, 95 W, Ø 530/514 mm available in 35 W, 58 W, 86 W, Ø 430/414 mm available in 20 W, 39 W. LED modules can be replaced on site without dismantling the luminaire. All models are available with DALI controls, integral electronic ballast, internal wiring halogen-free.

🔗 **WEBCODE: 015425**

For further technical data please go to regent.ch and enter the web code

The features.

Clear in design, versatile in application.



Top efficiency – 114 lm/W is proof enough.

Solo LED achieves efficiency values today which would have been unimaginable just a short while ago – up to 114 lm/W. This is thanks to the perfect interplay of innovative LEDs, a LED circuit board designed specifically for this luminaire, high-quality diffuser technology and an energy-saving passive cooling system. Should the LED module require replacing, this can be done quickly and easily on site.

Design and workmanship – four sizes for recessed or surface mounting.

Whether recessed or surface-mounted – the clear, minimalist design suggests there is far more to these luminaires than meets the eye. The choice of four diameters opens up a wide range of application possibilities. The round aluminium housing lends itself to optimum integration into modern architecture.

Perfect uniform lighting – ideal for office environments.

With its office-compatible optics, the Solo LED provides ideal illumination for the office environment. Even the largest diameter version features an even spread of light across the diffuser, delivers perfect uniform illumination and ensures low operating costs. Given its minimalist design, the fixture blends in harmoniously in any architectural space.

Direct comparison: Solo LED vs. Solo T5.

Project : **Open plan office**
 Dimensions : 20 x 10 x 2.7
 Reflectance grades : 0.7/0.5/0.2

Solution	Solo LED	Solo T5
Design	Micro-prismatic design	Micro-prismatic design
Design	113W226L2JA	113W126M1.7
Luminaire	5750	6 x 24 W
Wtot	55	156
Quantity	21	21
Em	535	562
Uo	0.63	0.65
UGR	< 19	< 19
EN 12464-1	ok	ok
W / m ²	5.78	15.6
W / m ² / 100 lux	1.08	2.78

energy cost reduced by **63%**

Project : **Entrance area**
 Dimensions : 20 x 10 x 4.5
 Reflectance : 0.7/0.5/0.2

Solution	Solo LED	Solo T5
Design	Diffusor	Diffusor
Luminaire	113W116L3JA	113W116M1.7
Lumen	5750	6 x 24 W
Wtot	55	156
Quantity	12	16
Em	376	333
UGR	< 22	< 22
EN 12464-1	ok	ok
W / m ²	5.7	12.5
W / m ² / 100 lux	1.52	3.75

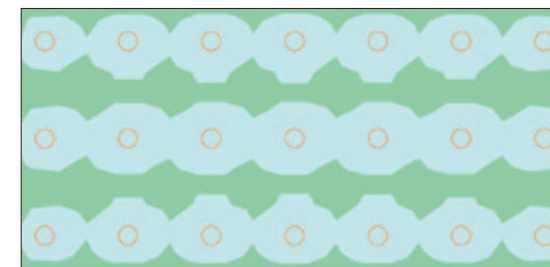
investments reduced by **54%**

Efficiency comparison in open plan office, H = 2.7 m

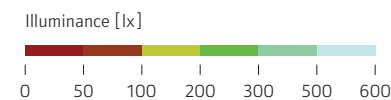
LED: 500 lux with only 5.7 W/m²



LED

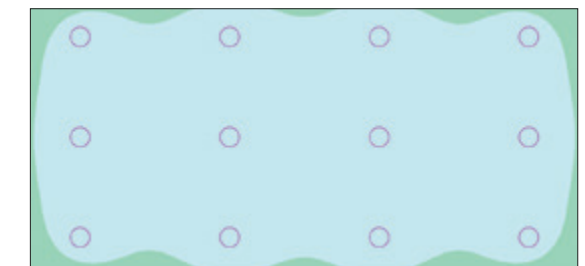


T5

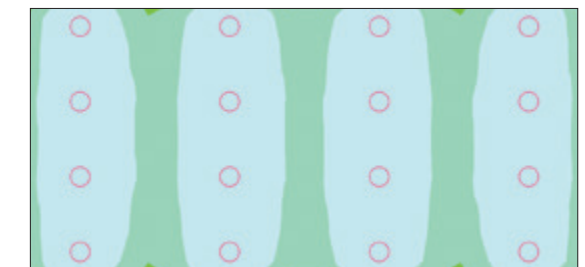


Investment comparison in entrance area, H = 4.5 m

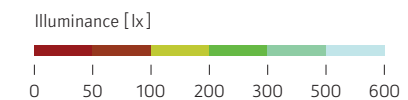
12 Solo LED as an alternative to 16 Solo T5



LED



T5



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