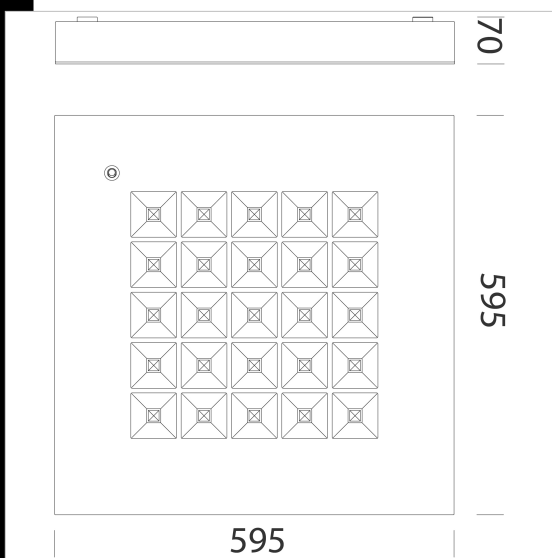




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## 712 Comfortsquare TW - presence and light sensor

The Human Centric Lighting approach puts the spotlight on people's health and wellbeing. Light must be of high quality, with perfect colour rendering, no glare and flickering and suited for the visual task at hand. Moreover, luminous flux and colour temperatures must adapt to different needs throughout the day in order to create a balance between artificial and natural light. For example, cold lights should be used in places where people need to concentrate, while warmer lights should be used in places where people relax.

Disano offers a great variety of products to implement this lighting philosophy in offices, lecture rooms, hospitals and in places where we spend most of our days.

Comfortsquare is the latest born in Disano's series of recessed LED fixtures that use the shape of a light panel, a solution which is becoming an increasingly popular choice in offices, healthcare structures and retail spaces.

The excellent light distribution and anti-glare optics UGR <16 favour maximum efficiency and visual comfort.

Moreover, their versatile use makes these fixtures suited in virtually any interior lighting design.

Housing: self-extinguishing injection-moulded polycarbonate in RAL 9016 colour. The standard version of Comfortsquare integrates a presence/lighting sensor to turn lights on or off when it detects occupancy in the room and based on the level of light at that moment. LED: Luminous flux maintenance 80%: 80.000h (L80B20). Luminous flux maintenance 90%: 40.000h (L90B10). Power factor 0.95. Photobiological safety class: exempt group.

A conventional push button can be used to control the system via colour switch

- Colour temperature adjustment range from 2700K to 6500K on a linear scale
- MacAdams 3 • Full 3% to 100% dimming range • <4% flicker • Constant colour temperature over the entire dimming range
- Simulation of daylight throughout the day
- Possibility of manual selection of light colour throughout the day
- No circadian cycle

Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour
140330-1924	CLD CELL-D-D	5,00	LED TW-3275 - 3275lm-2700K - 6500K - 43°-CRI 80	28 W	BIANCO

The reported luminous flux is the flux emitted by the light source with a tolerance of  $\pm 10\%$  compared to the indicated value. The W tot column indicates the total wattage absorbed by the system without exceeding 10% of the indicated