v.a. IP20 **IK07** **v.l. IP43**

DIMM DIG **CLD-DD (DALI)**

HOTEL ★★★ ★★★ **RG0**

UGR<16 **LOW FLICKER**

812 Comfortsquare TW - BASIC 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 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 0.9 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
• Possibility of manual selection of light colour throughout the day
• No circadian cycle
colourSWITCH function A conventional pushbutton can be used to control the system via colourSWITCH. Use of pushbutton with indicator lamp is not permitted. If the device is controlled via DALI/DSI, colourSWITCH is not available. For control via a pushbutton different settings can be made: • Short press: setting the colour temperature via colourSWITCH mode with 9 values between 2,700 and 6,500 K. • Long press (> 1 s): stepless setting of colour temperature. After completion the colour temperature direction will be inverted. In installations with LED Drivers with different colour temperature or opposite colour temperature directions (e.g. after a system extension), all LED Drivers can be synchronized to 4,500 K by a 10 s push.
switchDIM function Integrated switchDIM function allows a direct connection of a pushbutton for dimming and switching. Brief push (< 0.6 s) switches LED Driver ON and OFF. The dim level is saved at power-down and restored at power-up. When the pushbutton is held, LED modules are dimmed. After releasing and pushing the LED modules are dimmed in the opposite direction. In installations with LED Drivers with different dimming levels or opposite dimming directions (e.g. after a system extension), all LED Drivers can be synchronized to 50 % dimming level by a 10 s push. Use of pushbutton with indicator lamp is not permitted. • Possibility of manual selection of light colour throughout the day
• No circadian cycle

42 **595** **595**
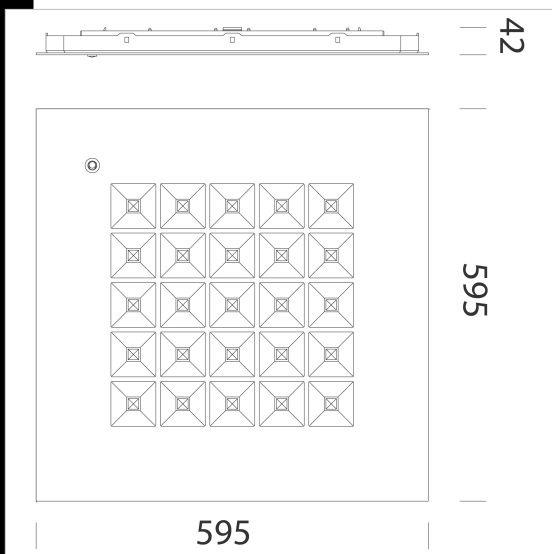
Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour
150330-1924	CLD CELL	4,22	LED TW-3275lm - 3275lm-2700K - 6500K - 43°-CRI 80	28 W	WHITE

Accessori

- 595 frame 600x600 h70mm   - 907 Springs   - 320 steel safety cord

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