

873 - Comfort LED - UGR<19

Code: 151052-07

GENERAL INFORMATION



Feeling good and working better are the goals of modern office lighting systems and Disano can meet the objective with its modern LED lighting products.

The range of recessed products for offices and commercial spaces.

Numerous researches have shown that the quality of our work spaces can help build a more positive relationship between the company and its employees. Upgrading office lights is the easiest and most efficient way to increase the quality of our performance in the office. With the right light, our work day seems less tiring, our concentration is enhanced, our productivity is increased and we feel less tired in the evenings. Therefore, for an office that is healthy and pleasant to work in, we need to respect the standards that protect workers' safety, choosing lighting fixtures that include the most recent technologies.

With the range of LED recessed fixtures, you can create the lighting system that best suits your needs, while maintaining excellent lighting efficiency and maximum quality.

Ceiling lamps with high-tech, instant-on, high colour rendering (CRI<80) and a very long service life. All fixtures were designed with dark light aluminium optics that protect from the reflections and glare on computer screens. The level of glare, which is measured with the unified glare rate (UGR), is <19, as required by office lighting standards. Moreover, each product has the 'low optical flicker' mark that indicates a low level of glare to ensure comfortable lights without risks for the worker's health.



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DIMENSIONS AND WEIGHT

Length (mm)	596 mm
Width (mm)	596 mm
Height (mm)	82 mm
Weight (Kg)	4.3 kg

INSTALLATION

Recessed dimensions - Length (mm)	575 mm
Recessed dimensions - Width (mm)	575 mm

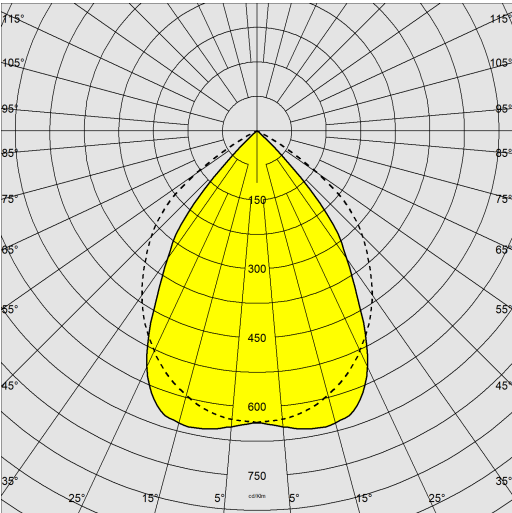
ELECTRICAL CHARACTERISTICS AND CONTROLS

Voltage type	AC
Min Voltage (V)	220 V
Max Voltage (V)	240 V
Min Frequency (Hz)	50 Hz
Max Frequency (Hz)	60 Hz
Frequency (Hz)	50 Hz
Wiring name	CLD-E
Power factor	≥0.9
Insulation class	Class I
Controllability	None

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PHOTOMETRIC DATA



Lighting source	LED
CRI	>80
Luminous flux (output) (lm)	3674 lm
Power absorption (total) (W)	40 W
CCT	4000 K
Luminous efficacy (lm/W)	92 lm/W
Unified glare rating UGR (EN 12464-1) (Reflectance coefficient: ceiling 0.7 - walls 0.5)	UGR<19, according to standard EN 12464.
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	80000 hr, L 80, B 20

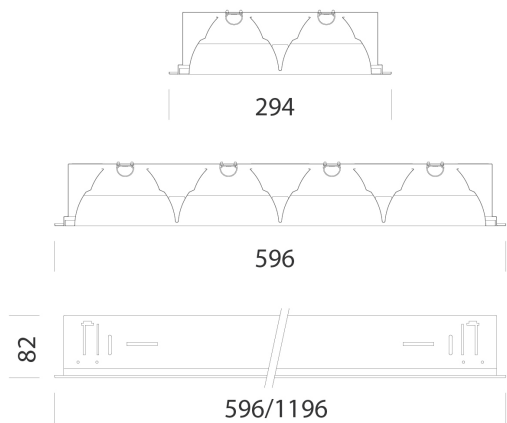
MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK07
IP	20



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DOWNLOAD

- MOUNTS
 - AssemblyInstructions comfort 7-8 04-24.pdf
- DESIGNS
 - TechnicalDrawing 873s.dxf



MATERIALS AND COLOURS

Housing	in steel plate.
Optics	dark light double parabolic louvers in high gloss 99.99 aluminium, anti-dazzle and anti-iridescent, very low luminance, and PDV treatment.
Coating	polyester powder coated, UV-stabilised, anti-yellowing, phosphate pre-treatment.
Colour	White
Equipment	supplied without brackets to allow direct surface mounting on T-beams. For non-surface mounting, use brackets acc. 901.

EMERGENCY LIGHTING

Type of emergency	S.A.
Emergency operation time	1h

STANDARDS AND COMPLIANCE

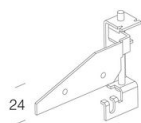
Photobiological safety class	RG0
Markings and tests	CE
Reference standards	EN60598-1. They have a degree of protection according to the EN60529 standard.
Energy Label	C

WARRANTY

After sales warranty	3 yr
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901 Adjustable bracket