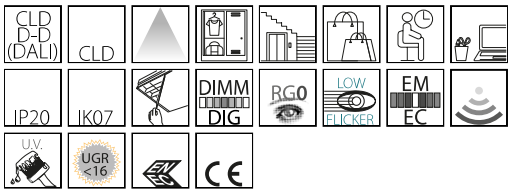
731 - Minicomfort LED x2 - UGR<16

Code: 143536-00



Drawing on its expertise and knoweledge in the sector, Disano has developed the LED version of its Minicomfort ceiling fixture. The LED version shares the same basic features of the other options with the addition of the advantages of LED lighting, such as quality output, energy savings and longer life. Such features can only be applied to luminaires with a high level of design and construction.
Minicomfort LED is the ideal luminaire for offices, healthcare facilities and for all spaces that require controlled lighting with dark light optics and that must comply with glare regulations.
Minicomfort is easy to install on ceilings, thanks also to the accessories designed to simplify installation. Its shape ensures uniform light distribution: white LEDs (4000K) generate high quality lighting ensuring maximum visual comfort and perfect colour rendering (CRI<80).
Compared with the most common T8 fluorescent lamps, the energy savings are notable: more than 40% compared to 4x18 W ceiling lights with lamellar optics. The savings are even more significant considering the long life of the LEDs and the absence of maintenance once the fixture is installed.
In addition to the practical advantages, the excellent aesthetic result is certainly not to be underestimated: equipped with a quick connector there is no need to open the fixture.
It's a simple and innovative solution for having the latest technology in interior lighting.

GENERAL INFORMATION

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DIMENSIONS AND WEIGHT

Length (mm)	596 mm
Width (mm)	596 mm
Height (mm)	63 mm
Weight (Kg)	4.4 kg

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
Power factor	≥0.95
Insulation class	Class I
Controllability	None

Please contact the Consulting and Design Centre for any technical information. The reported luminous flux is the flux emitted by the light source with a tolerance of ± 10% compared to the indicated value. The total wattage absorbed by the system will not exceed 10% of the reported value. Technical lighting data may be subject to changes and improvements due to the fast evolution of the technology. Sunday, December 22, 2024

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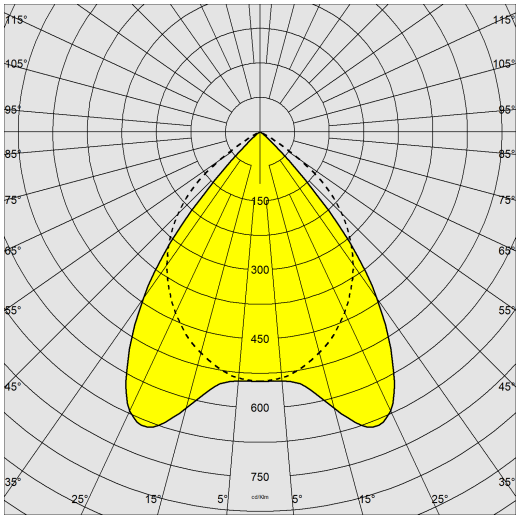

PHOTOMETRIC DATA

Lighting source	LED
CRI	≥80
Luminous flux (output) (lm)	2046 lm
Power absorption (total) (W)	19 W
CCT	4000 K
Luminous efficacy (lm/W)	108 lm/W
Unified glare rating UGR (EN 12464-1) (Reflectance coefficient: ceiling 0.7 - walls 0.5)	UGR<16, 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 70, B 20

MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK07
IP	20

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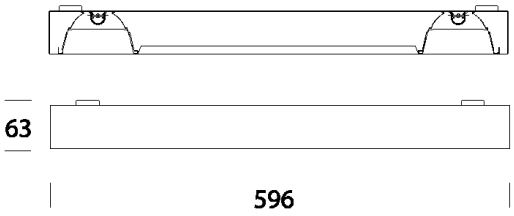

DOWNLOAD

MOUNTS

AssemblyInstructions 731 09-23.pdf

DESIGNS

BIM 731 Minicomfort LED x2.zip

TechnicalDrawing 731x2.dxf

MATERIALS AND COLOURS

Housing	galvanised steel.
Optics	dark light double parabolic louvers in high gloss 99.99 aluminium, anti-dazzle and anti-iridescent, very low luminance, and PDV treatment.
Coating	pre-painted in oven with polyester resin, UV-stabilised, phosphate pre-treatment.
Colour	White
Equipment	with film to protect the ceiling fixture and the baffle louvre.

STANDARDS AND COMPLIANCE

Photobiological safety class	RG0
Markings and tests	CE, ENEC
Reference standards	EN60598-1. With degree of protection according to EN60529.
Energy Label	D

GEAR

Upon request	- DIMM wiring and built-in multisensor, subcode -0092 (1-10V). - CLD-EC wiring for centrally powered emergency lighting (subcode -0050) - CLD-D (PUSH) (subcode -0045)

WARRANTY

After sales warranty	5 yr

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2608 Electrified suspension

2518 Simple suspension

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