

731 - Minicomfort LED x3 - UGR<16

Code: 143534-00



Drawing on its expertise and knowledge 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

| | |
|---------|-----------------------------------|
| Article | 731 - Minicomfort LED x3 - UGR<16 |
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DIMENSIONS AND WEIGHT

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

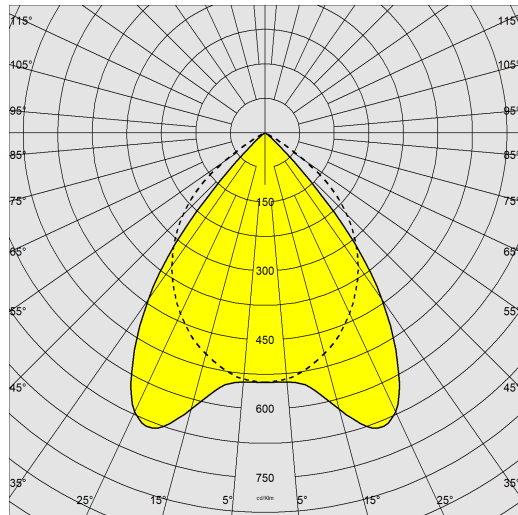
ELECTRICAL CHARACTERISTICS AND CONTROLS

| | |
|--------------------|---------|
| 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 |

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PHOTOMETRIC DATA



| | |
|--|--|
| Lighting source | LED |
| CRI | ≥80 |
| Luminous flux (output) (lm) | 3069 lm |
| Power absorption (total) (W) | 28 W |
| CCT | 4000 K |
| Luminous efficacy (lm/W) | 110 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

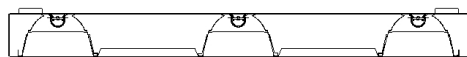
| | |
|-------------------------------|------|
| Impact resistance rating (IK) | IK07 |
| IP | 20 |



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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 louver. |

STANDARDS AND COMPLIANCE

| | |
|------------------------------|--|
| Photobiological safety class | RG0 |
| Markings and tests | CE, ENEC |
| Reference standards | EN60598-1. With degree of protection according to EN60529. Minimum Environmental Criteria (CAM) compliant product. |
| Energy Label | D |

DOWNLOAD

MOUNTS

[AssemblyInstructions 731 09-23.pdf](#)

DESIGNS

[BIM 731 Minicomfort LED x3.zip](#)

[TechnicalDrawing 731x3.dxf](#)



GEAR

| | |
|--------------|--|
| Upon request | <ul style="list-style-type: none"> - 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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