



Description: Direct light recessed LED luminaire suitable for installation on a slatted false ceiling using the fixing brackets supplied. Recommended installation for a better aesthetic finish on P100C, P200C type slats.

Body: steel sheet, painted in matt white (RAL 9003 matt) with thermosetting epoxy powders at 180 ° C, after degreasing, phosphating and washing treatment. The device is supplied complete with accessories for fixing.

Optical group: PMO optic in microprismatic polycarbonate, protected from UV rays for better resistance to atmospheric agents.

Controlled light emission optics with luminance values <3000 cd / m² for emission angles above 65 ° on all planes (UGR <19) and therefore compliant to be installed in environments with the use of video terminals according to UNI EN 12464- 1. Glow-wire test 850 ° C.

Protection degree IP40 (IP20 embedded part).

Wiring: power supply 220-240V 50 / 60Hz with rigid cable, sect. 0.50 mm² and PVC-HT sheath resistant to 90 ° C according to CEI 20-20 standards. Terminal block with maximum allowed cable section 2.5 mm². Insulation class I.

Suitable for installation on normally flammable surfaces.

- LED version with electronic driver with fixed output (ON / OFF), included
- DALI LED dimmable version, with DALI dimmable electronic driver included.

Versions with emergency kit (1/3 hours of autonomy) are available on request.

Luminous source: High efficiency LEDs arranged on rigid modules, color rendering CRI> 80 (CRI> 90 available on request), color temperature 3000K and 4000K (selected LED diode 3 MacAdam ellipses in order to guarantee uniform chromaticity).

LED TUNABLE WHITE 2700-6500K versions available on request.

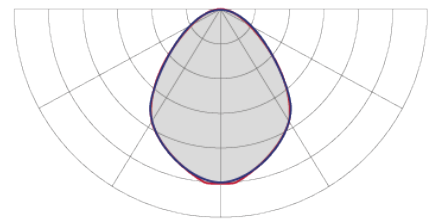
Life of the sources in normal conditions: over 50,000 hours L80 / B10 at Ta = 25 ° C.

Regulations:

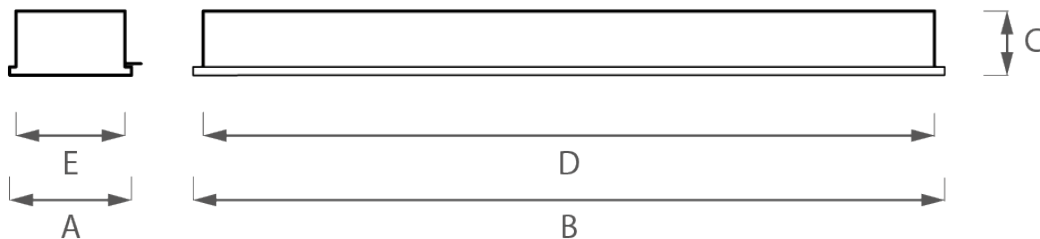
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|----------------|------------------|---------------------------|
| • EN 61547 | • IEC/TR 62471-2 | • EN 60598-2-13 |
| • EN 55015 | • EN 60061-1 | • EN 62471 (risk class 0) |
| • EN 61000-3-2 | • EN 62031 | • EN 62560 |
| • EN 61000-3-3 | • EN 62493 | • EN 60968 |
| • EN 60529 | • EN 60598-1 | |



Demonstration image



Photometric curve



| Power [W] | Color temperature [K] | CRI | Effective flux [lm] * | Efficiency [lm/W] | Energetic class | Dimensions [mm] | | | | | Code / Wiring | |
|-----------|-----------------------|-----|-----------------------|-------------------|-----------------|-----------------|------|-----|------|-----|---------------|-----------|
| | | | | | | A | B | C | D | E | LED | LED DALI |
| 13 | 3000K | >80 | 1573 | 121 | A++ | 190 | 654 | 100 | 620 | 170 | 104000239 | 104000245 |
| 13 | 4000K | >80 | 1703 | 131 | A++ | 190 | 654 | 100 | 620 | 170 | 104000251 | 104000257 |
| 26 | 3000K | >80 | 3146 | 121 | A++ | 190 | 1264 | 100 | 1230 | 170 | 104000241 | 104000247 |
| 26 | 4000K | >80 | 3406 | 131 | A++ | 190 | 1264 | 100 | 1230 | 170 | 104000253 | 104000259 |
| 33 | 3000K | >80 | 3993 | 121 | A++ | 190 | 1564 | 100 | 1530 | 170 | 104000243 | 104000249 |
| 33 | 4000K | >80 | 4323 | 131 | A++ | 190 | 1564 | 100 | 1530 | 170 | 104000255 | 104000261 |
| 24 | 3000K | >80 | 2904 | 121 | A++ | 190 | 654 | 100 | 620 | 170 | 104000240 | 104000246 |
| 24 | 4000K | >80 | 3144 | 131 | A++ | 190 | 654 | 100 | 620 | 170 | 104000252 | 104000258 |
| 48 | 3000K | >80 | 5808 | 121 | A++ | 190 | 1264 | 100 | 1230 | 170 | 104000242 | 104000248 |
| 48 | 4000K | >80 | 6288 | 131 | A++ | 190 | 1264 | 100 | 1230 | 170 | 104000254 | 104000260 |
| 60 | 3000K | >80 | 7260 | 121 | A++ | 190 | 1564 | 100 | 1530 | 170 | 104000244 | 104000250 |
| 60 | 4000K | >80 | 7860 | 131 | A++ | 190 | 1564 | 100 | 1530 | 170 | 104000256 | 104000262 |

* Actual flow may have a tolerance of $\pm 10\%$.