



Description: direct light luminaire for LED source, suitable for recessed installation into:
 - “clip-in” false ceilings with 600x600mm or 600x1200mm metal tiles with concealed structure;
 - plasterboard false ceilings, installation “from below”. Installation using fixing brackets supplied.

Body: sheet steel body powder coated with white (RAL9003 opaque) epoxy powders thermosetting at 180°C, after degreasing, phosphatizing and washing treatment. Other colors according to the RAL range are available on request.

Optical group: PSU micro-prismatic diffuser. Controlled light emission optic with luminance values <math><3000\text{ cd / m}^2</math> for emission angles >math>>65^\circ</math> on all plans (UGR<math><19</math>) and therefore suitable for installation in environments with the presence of visual display units according to UNI EN 12464-1 standard. Protection degree IP54/20 (IP20 in the recessed part).

Wiring: feeding 220-240V 50/60Hz with rigid cable (section 0.50 mm²) and PVC-HT sheathing resistant at 90°C according at CEI 20-20. Terminal board with maximum wire section allowed 2,5 mm². Insulation class I. It is suitable to be installed on normally flammable surfaces.

- LED version with electronic driver (ON/OFF), included.
 - LED DALI dimmable version, digital standard DALI, with 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, colour rendering CRI> 80 (CRI> 90 available on request), colour temperature 3000K and 4000K (LED diodes selected 3 MacAdam ellipses to ensure a perfect uniform chromaticity).
 LED TUNABLE WHITE 2700-6500K versions available on request.

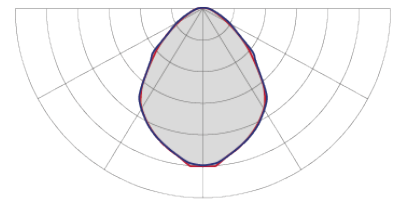
Life of the sources in normal conditions: over 50,000 hours L80 / B10 at Ta = 25 ° C.

Regulations: luminaire in conformity with:

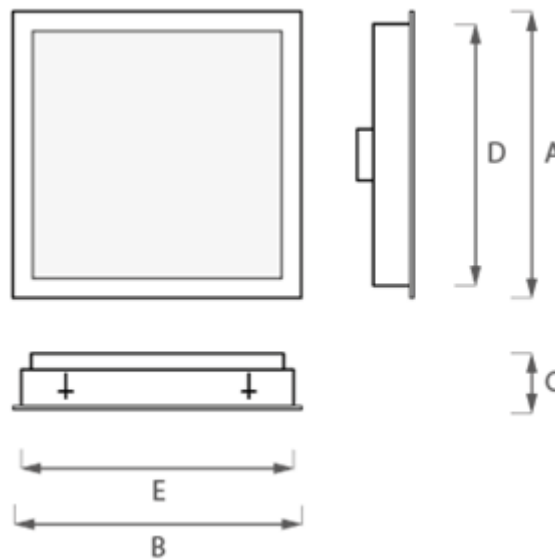
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|-----------------|------------------|---------------------------|
| • EN 61547 | • IEC/TR 62471-2 | • EN 60598-2-2 |
| • EN 55015 | • EN 60061-1 | • EN 62471 (risk class 0) |
| • EN 61000-3-2 | • EN 62031 | • EN 62560 |
| • EN 61000-3-3 | • EN 62493 | • EN 60968 |
| • EN 61347-1 | • EN 60598-1 | • CEI 76-10 |
| • EN 61347-2-13 | • EN 60598-2-1 | • EN 60529 |



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
26	3000K	>80	3328	128	A++	600	82	106	550	570	227000100	227000105
26	4000K	>80	3510	135	A++	600	82	106	550	570	227000110	227000115
32	3000K	>80	4096	128	A++	600	82	106	550	570	227000101	227000106
32	4000K	>80	4320	135	A++	600	82	106	550	570	227000111	227000116
38	3000K	>80	4864	128	A++	600	82	106	550	570	227000102	227000107
38	4000K	>80	5130	135	A++	600	82	106	550	570	227000112	227000117
44	3000K	>80	5632	128	A++	600	82	106	550	570	227000103	227000108
44	4000K	>80	5940	135	A++	600	82	106	550	570	227000113	227000118
50	3000K	>80	6400	128	A++	600	82	106	550	570	227000104	227000109
50	4000K	>80	6750	135	A++	600	82	106	550	570	227000114	227000119
38	3000K	>80	4864	128	A++	300	82	106	250	1170	227000120	227000123
38	4000K	>80	5130	135	A++	300	82	106	250	1170	227000126	227000129
44	3000K	>80	5632	128	A++	300	82	106	250	1170	227000121	227000124
44	4000K	>80	5940	135	A++	300	82	106	250	1170	227000127	227000130
50	3000K	>80	6400	128	A++	300	82	106	250	1170	227000122	227000125
50	4000K	>80	6750	135	A++	300	82	106	250	1170	227000128	227000131

* Actual flow may have a tolerance of ± 10%.