

Description: Direct light LED luminaire suitable for recessed installation on modular panels 600x600 with visible "T" structure. Lay-in installation, it does not require mounting brackets.

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 <3000 cd / m² for emission angles >65° on all plans (UGR<19) and therefore suitable for installation in environments with the presence of visual display units according to UNI EN 12464-1 standard. Protection degree IP40/20 (IP20 in the recessed part).

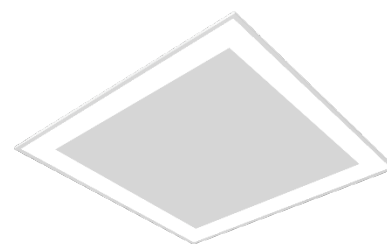
Wiring: feeding 220-240V 50/60Hz with rigid cable (section 0.50 mm²) and PVC-HT sheathing resistant at 90°C according at CEI 20-20. Terminal board with maximum wire section allowed 2,5 mm². Insulation class I. It is suitable to be installed on normally flammable surfaces.

- 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.

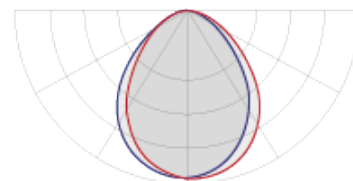
Luminous source: High efficiency LEDs arranged on rigid modules, colour rendering CRI>80 (CRI>90 available on request), colour temperature 3000K and 4000K (LED diodes selected 3 MacAdam ellipses to ensure a perfect uniform chromaticity).
LED TUNABLE WHITE 2700-6500K versions available on request.
Life of the sources in normal conditions: over 50,000 hours L80 / B10 at Ta = 25 ° C.

Regulations: luminaire in conformity with:

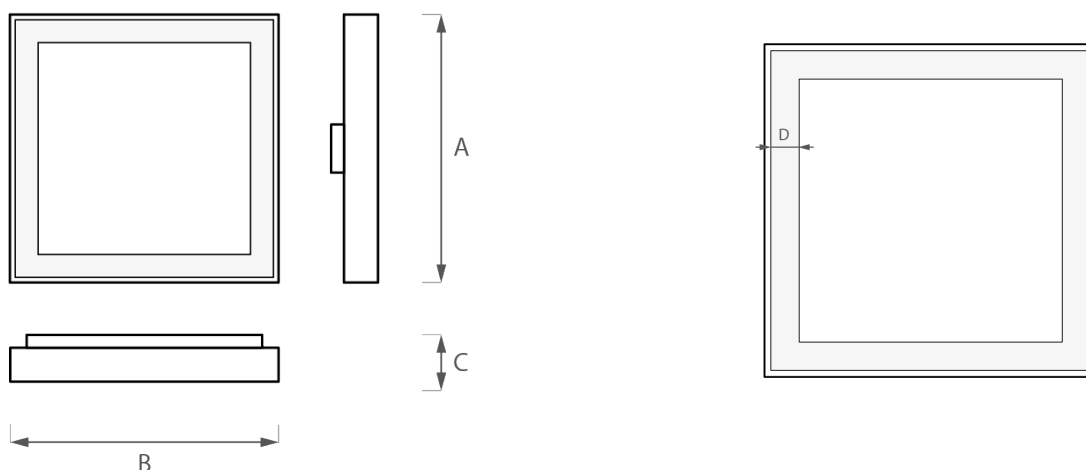
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|--------------------|---------------------------|------------|
| • EN 61547 | • EN 60061-1 | • EN 62560 |
| • EN 55015 | • EN 62031 | • EN 60968 |
| • EN 61000-3-2 | • EN 62493 | |
| • EN 61000-3-3 | • EN 60598-1 | |
| • EN 60529 | • EN 60598-2-13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



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	LED	LED DALI
33	3000K	>80	3498	106	A++	595	595	76	50	144200026	144200027
33	4000K	>80	3795	115	A++	595	595	76	50	144200030	144200031
52	3000K	>80	5512	106	A++	595	595	76	50	144200028	144200029
52	4000K	>80	5980	115	A++	595	595	76	50	144200032	144200033

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