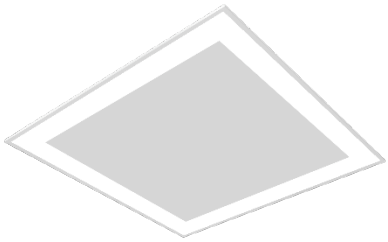
atena lux®	**PRODUCT TECHNICAL SPECIFICATION** **4-SIDE optics MOT**	Doc. Rev. 06/21

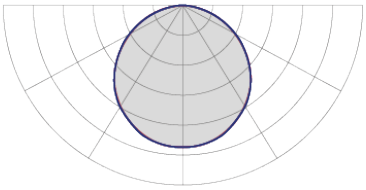
Description: Direct light LED luminaire suitable for recessed installation on modular panels 600x600 with visible "T" structure. Lay-in installation, it does not require mounting brackets.



Demonstration image

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: MOT high-transmittance opal methacrylate diffuser. It ensures an optimal lighting diffusion with high uniformity. The diffuser is UV-protected for a better resistance to weathering. In conformity with glow-wire test at 650°C as regulation CEI EN 60695-2-11. Protection degree IP40 (IP20 recessed part).



Photometric curve

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.

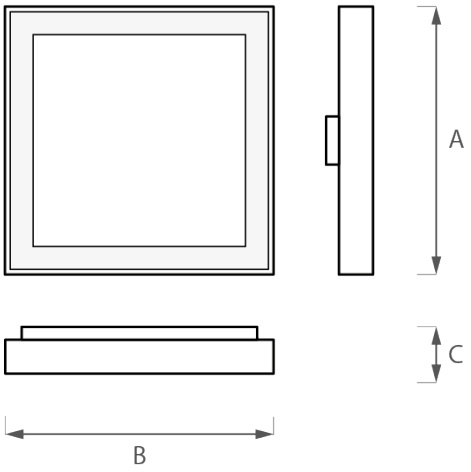
- LED version with electronic driver (ON/OFF), included.
- LED DALI dimmable version, digital standard DALI, with electronic driver, included.

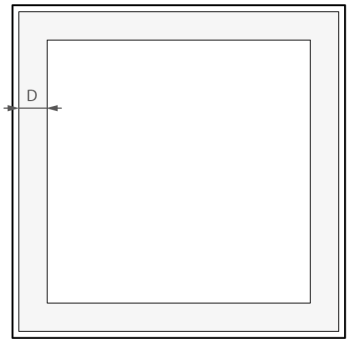
Versions with emergency kit (1/3 hours of autonomy) are available on request.

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:

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





						Dimensions [mm]				Code / Wiring	
Power [W]	**Color temperature [K]**	**CRI**	**Effective flux [lm] ***	**Efficiency [lm/W]**	**Energetic class**	**A**	**B**	**C**	**D**	**LED**	**LED DALI**
33	3000K	>80	3168	96	A++	595	595	76	50	144200018	144200019
33	4000K	>80	3300	100	A++	595	595	76	50	144200022	144200023
52	3000K	>80	4992	96	A++	595	595	76	50	144200020	144200021
52	4000K	>80	5200	100	A++	595	595	76	50	144200024	144200025

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