stomdevice

atena lux	**PRODUCT TECHNICAL SPECIFICATION** **DUOLED optics PMO**	Doc. Rev. 06/21

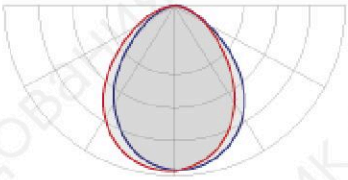
Description: LED luminaire with direct light emission, suitable for installation resting on modular panels 300 / 600x600 / 1200 with visible frame (inverted T).
It does not require fixing brackets.



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: PMO microprismatic polycarbonate diffuser, UV-protected for a better resistance to weathering.
The diffuser allows a controlled anti-glare emission, with luminance values <3000 cd/m² for emission angles >65° on all directions (UGR<19), therefore it is suitable to be installed in the presence of visual display units according to UNI EN 12464-1 Regulations. Glow-wire test resistance at 850°C.
Protection degree: **IP54** (IP20 recessed part).



Photometric curve

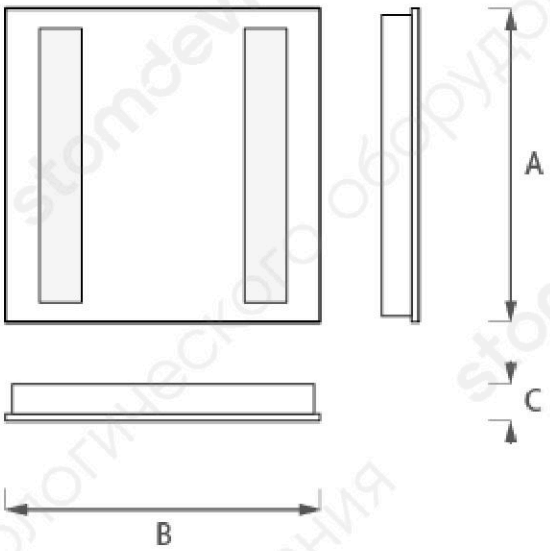
Wiring: feeding 220-240V 50/60Hz with rigid cable (section 0.50 mm²) and PVC-HT sheathing resistant at 90°C according at CEI 20-20. Terminal board with maximum wire section allowed 2,5 mm². Insulation class I. It is suitable to be installed on normally flammable surfaces.

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



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						Dimensions [mm]			Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	A	B	C	LED	LED DALI
26	3000	>80	3172	122	A++	595	595	70	178100144	178100145
26	4000	>80	3406	131	A++	595	595	70	178100146	178100147
32	3000	>80	3904	122	A++	595	595	70	178100148	178100149
32	4000	>80	4192	131	A++	595	595	70	178100150	178100151
40	3000	>80	4880	122	A++	595	595	70	178100152	178100153
40	4000	>80	5240	131	A++	595	595	70	178100154	178100155
48	3000	>80	5856	122	A++	595	595	70	178100156	178100157
48	4000	>80	6288	131	A++	595	595	70	178100158	178100159

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

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