stomdevice

atena lux	**PRODUCT TECHNICAL SPECIFICATION** **PLAN/N optics PSU**	Doc. Rev. 06/21

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.

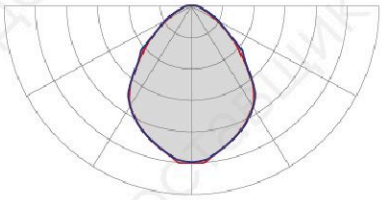


Demonstration image

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: 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 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.



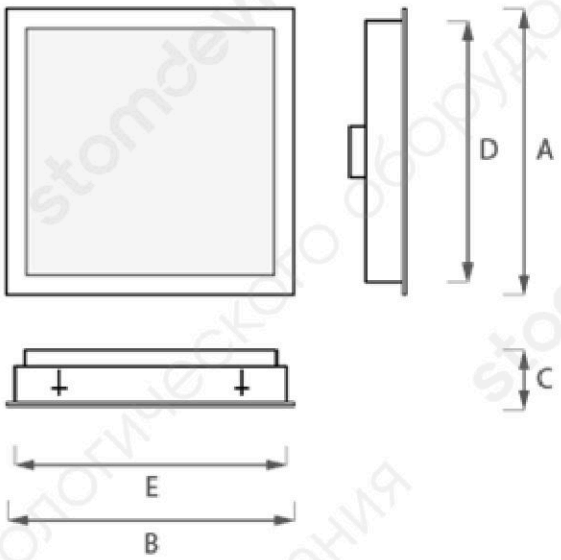
Photometric curve

• 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



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

						Dimensions [mm]					Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	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%.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ