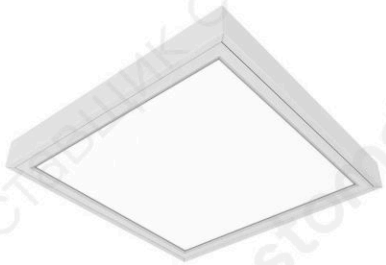
stomdevice

atena lux	**PRODUCT TECHNICAL SPECIFICATION** **TAURUS/P SCREWLESS optics VTR+PMO**	Doc. Rev. 06/21

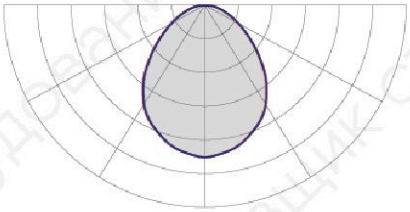
Description: LED ceiling luminaire, with angular edges, providing direct light.



Demonstration image

Body: steel sheet, painted in matt white (RAL 9003 matt) with thermosetting epoxy powders at 180 ° C, after degreasing, phosphating and washing treatment. The device, equipped with internal sealing gaskets, guarantees total protection against dust and water jets, thus allowing its use in environments such as chemical laboratories, rooms and hospital rooms, operating theaters and generally in environments where they are necessary. particular aseptic conditions.

Optical group: **VTR + PMO** optic with tempered safety glass and polycarbonate diffuser microprismatic, protected from UV rays for better resistance to atmospheric agents, inserted in a white painted extruded aluminum frame and fixed to the metal body without the presence of screws. Controlled light emission optics with luminance values <3000 cd / m² for emission angles above 65 ° on all planes (UGR <19) and therefore compliant to be installed in environments with the use of video terminals according to UNI EN 12464- 1.
Glow-wire test 850 ° C.
Protection degree **IP65**.



Photometric curve

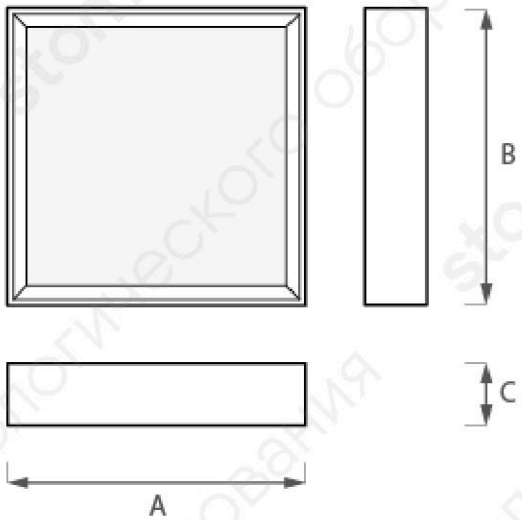
Wiring: power supply 220-240V 50 / 60Hz with rigid cable, sect. 0.50 mm² and PVC-HT sheath resistant to 90 ° C according to CEI 20-20 standards. Terminal block with maximum allowed cable cross section of 2.5 mm². Insulation class I.
Suitable for installation on normally flammable surfaces.

• LED-F version with electronic driver with fixed output (ON / OFF), included, protection fuse.
• LED-F DALI dimmable version, with DALI dimmable electronic driver
included, protection fuse.
Versions with 1 / 3h autonomy emergency kit and with RGB DMX circuit available on request.

Luminous source: High efficiency LEDs arranged on rigid modules, color rendering CRI> 80 or CRI> 90, color temperature 4000K (3000K and 5000K available on request) LED diode selected 3 MacAdam ellipses in order to guarantee 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: appliance complies with the following standards:

- 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



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

stomdevice

Module 600x600						Dimensions [mm]			Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	A	B	C	LED-F	LED-F DALI
38	4000K	>80	4180	110	A++	620	620	120	441100021	441100023
38	4000K	>90	3344	88	A++	620	620	120	441100025	441100027
44	4000K	>80	4840	110	A++	620	620	120	441100029	441100031
44	4000K	>90	3872	88	A++	620	620	120	441100033	441100035
50	4000K	>80	5500	110	A++	620	620	120	441100037	441100039
50	4000K	>90	4400	88	A++	620	620	120	441100041	441100043
78	4000K	>80	9516	122	A++	620	620	120	441100045	441100047
78	4000K	>90	7644	98	A++	620	620	120	441100049	441100051

Module 300x1200						Dimensions [mm]			Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	A	B	C	LED-F	LED-F DALI
52	4000K	>80	6344	122	A++	320	1220	120	441100086	441100087
52	4000K	>90	5096	98	A++	320	1220	120	441100088	441100089
78	4000K	>80	9516	122	A++	320	1220	120	441100090	441100091
78	4000K	>90	7644	98	A++	320	1220	120	441100092	441100093

Module 600x1200						Dimensions [mm]			Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	A	B	C	LED-F	LED-F DALI
88	4000K	>80	9680	110	A++	620	1220	120	441100053	441100055
88	4000K	>90	7744	88	A++	620	1220	120	441100057	441100059
100	4000K	>80	11000	110	A++	620	1220	120	441100061	441100063
100	4000K	>90	8800	88	A++	620	1220	120	441100065	441100067
156	4000K	>80	19032	122	A++	620	1220	120	441100069	441100071
156	4000K	>90	15288	98	A++	620	1220	120	441100073	441100075

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

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