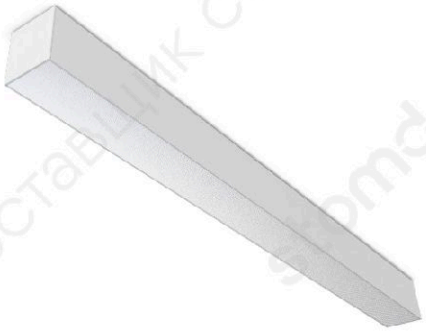
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atena lux	**PRODUCT TECHNICAL SPECIFICATION** **GAP LED optics PMO**	Doc. Rev. 06/21

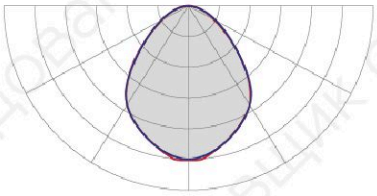
Description: Modular direct emission LED system, composed of an extruded aluminum profile, which can be used both individually and in a continuous row to create cuts of light without interruptions. Thanks to the complete range of accessories, it constitutes a versatile and easy-to-install system: available in the ceiling-mounted versions with ABS spacers h.10mm supplied, suspension and wall fixing using accessories to be ordered separately.



Demonstration image

Body: 6060 T5 alloy aluminum profile, painted in "dry" white color with thermosetting epoxy powders at 180 ° C, after degreasing, phosphating and washing treatment. Other colors according to the RAL range are available on request. Supplied without heads and installation accessories (to be ordered separately).

Optical group: **PMO** optic in microprismatic polycarbonate, UV protected. Glossy white flow recuperator. Controlled light emission optics with luminance values <3000 cd / m^2 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 IP42.



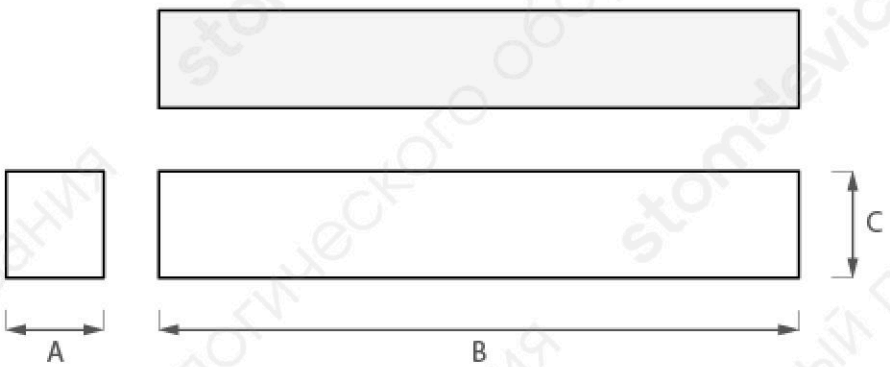
Photometric curve

Wiring: power supply 220-240V 50 / 60Hz with rigid cable, sect. 0.50 mm^2 and PVC-HT sheath resistant to 90 ° C according to CEI 20-20 standards. Terminal block with maximum allowed cable section 2.5 mm^2. Insulation class I. Suitable for installation on normally flammable surfaces.
• LED version with electronic driver with fixed output (ON / OFF), included.
• DALI LED version with standard DALI digital dimmable 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, color rendering CRI> 80 (CRI> 90 available on request), color temperature 3000K and 4000K (selected LED diode 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 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

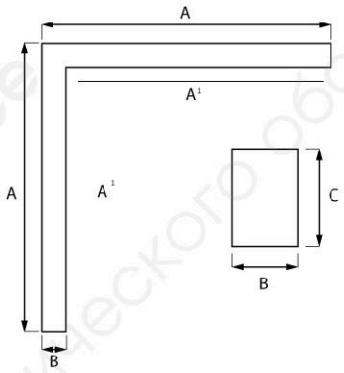


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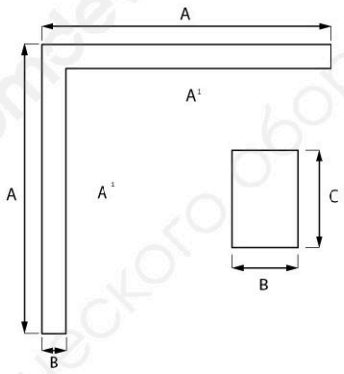
Linear modules

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm] A*	B	C	Code / Wiring LED	LED DALI
13	3000	>80	1261	97	A++	561	86	94	760100329	760100330
13	4000	>80	1365	105	A++	561	86	94	760100333	760100334
26	3000	>80	2522	97	A++	1121	86	94	760100345	760100346
26	4000	>80	2730	105	A++	1121	86	94	760100349	760100350
39	3000	>80	3783	97	A++	1681	86	94	760100361	760100362
39	4000	>80	4095	105	A++	1681	86	94	760100365	760100366
52	3000	>80	5044	97	A++	2241	86	94	760100377	760100378
52	4000	>80	5460	105	A++	2241	86	94	760100381	760100382
65	3000	>80	6305	97	A++	2801	86	94	760100393	760100394
65	4000	>80	6825	105	A++	2801	86	94	760100397	760100398



Ceiling corner modules (90°)

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm] A*	A¹*	B	C	Code / Wiring LED	LED DALI
26	3000	>80	2522	97	A++	620	534	86	94	760100552	760100554
26	4000	>80	2730	105	A++	620	534	86	94	760100553	760100555

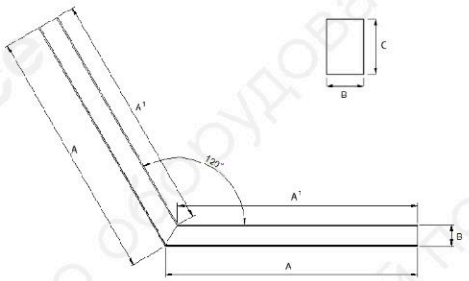


Wall / ceiling corner modules (90°)

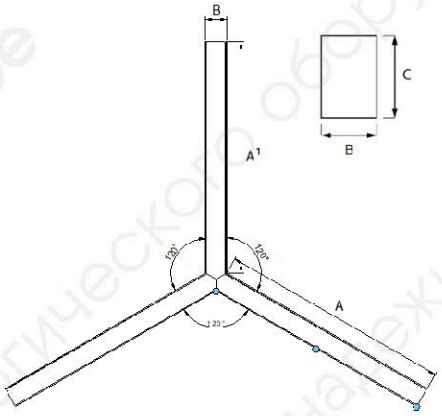
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm] A*	A¹*	B	C	Code / Wiring LED	LED DALI
26	3000	>80	2522	97	A++	650	556	86	94	760100560	760100562
26	4000	>80	2730	105	A++	650	556	86	94	760100561	760100563

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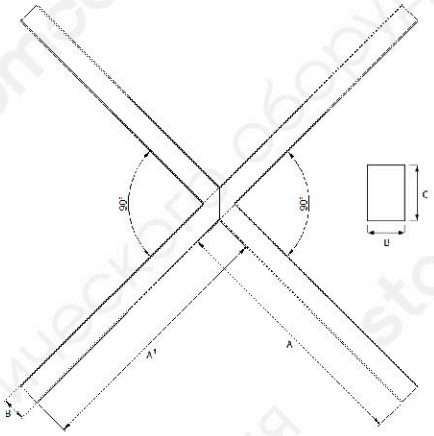
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Corner modules (120°)						Dimensions [mm]				Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	A*	A1*	B	C	LED	LED DALI
26	3000	>80	2522	97	A++	595	545	86	94	760100564	760100566
26	4000	>80	2730	105	A++	595	545	86	94	760100565	760100567



Y Geometry						Dimensions [mm]				Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	A*	A1*	B	C	LED	LED DALI
39	3000	>80	3783	97	A++	545	545	86	94	760100576	760100578
39	4000	>80	4095	105	A++	545	545	86	94	760100577	760100579



X Geometry						Dimensions [mm]				Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	A*	A1*	B	C	LED	LED DALI
52	3000	>80	5044	97	A++	530	530	86	94	760100580	760100582

The dimensions and specifications of the luminaires are subject to change without notice.

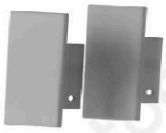
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52	4000	>80	5460	105	A++	530	530	86	94	760100581	760100583

* Dimensions excluding the heads (3mm thick each) at the beginning and end of the row.
** Actual flow may have a tolerance of ± 10%
*** The product is supplied as standard without end caps, to be ordered separately.

INSTALLATION ACCESSORIES



COD. **TC760004**

End caps in aluminum painted in DRY WHITE color.
2-piece kit.



COD. **KFC760100**

Bracket for installation on plasterboard.
Material galvanized steel sheet.
Including fixing screws.
3-piece kit.



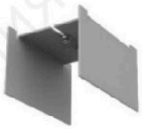
COD. **KPR760004**

90 ° wall fixing bracket.
Material galvanized steel sheet painted DRY WHITE.
Including fixing screws.
2-piece kit.



COD. **KP4760004**

45 ° wall fixing bracket.
Material galvanized steel sheet painted DRY WHITE.
Including fixing screws.
2-piece kit.



COD. **KFS760000**

Union bracket for installation in a continuous line, made of galvanized steel.
Fixing screws supplied.



COD. **KS013**

Suspension cable L = 2000mm
To be provided 2 pcs for each lamp.



COD. **CVTxX075L020**

Transparent power cable. L = 2000m Ø 0,75mmq
Cable available with 3-5-7 poles related to the selected wiring configuration.
Change the red x to the required number of poles.



COD. **KS02504E**

Electrified square canopy with 2 holes for the passage of the power supply and suspension cable, with connection terminal board. Painted in DRY WHITE color.

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