

PRODUCT TECHNICAL SPECIFICATION

GAP LED optics PMO AS

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.

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 AS louvre in microprismatic polycarbonate, UV protected.

Asymmetric glossy white flow recuperator.

Glow-wire test 850 ° C.

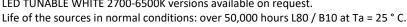
Protection degree IP42.

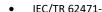
Wiring: power supply 220-240V 50 / 60Hz with rigid cable, sect. 0.50 mm² and PVC-HT sheath resistant to 90 ° C according to CEI 20-20 standards. Terminal block with maximum allowed cable section 2.5 mm². Insulation class I. Suitable for installation on normally flammable surfaces.

- 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.





EN 62031

EN 62493

EN 60598-2-2

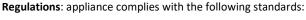
EN 62471 (risk class 0)

EN 62560

EN 60968

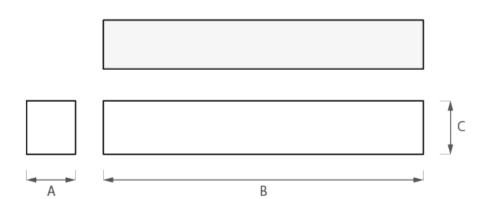
CEI 76-10

EN 60529



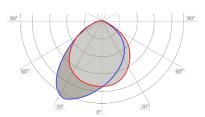
- EN 61547
- EN 55015
- EN 61000-3-2
- EN 61000-3-3 EN 61347-1
- EN 61347-2-13

- IEC/TR 62471-2
- EN 60061-1
- EN 60598-1
- EN 60598-2-1









Photometric curve



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Linear modules						Dimensions [mm]			Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	A*	В	С	LED	LED DALI
13	3000	>80	1118	86	A++	561	86	94	760100601	760100603
13	4000	>80	1222	94	A++	561	86	94	760100602	760100604
26	3000	>80	2236	86	A++	1121	86	94	760100418	760100606
26	4000	>80	24444	94	A++	1121	86	94	760100605	760100607
39	3000	>80	3354	86	A++	1681	86	94	760100608	760100609
39	4000	>80	3666	94	A++	1681	86	94	760100495	760100500
52	3000	>80	4472	86	A++	2241	86	94	760100610	760100611
52	4000	>80	4888	94	A++	2241	86	94	760100540	760100612
65	3000	>80	5590	86	A++	2801	86	94	760100613	760100614
65	4000	>80	6110	94	A++	2801	86	94	760100541	760100615

^{*} Dimensions excluding the heads (3mm thick each) at the beginning and end of the row.

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

 $90\ ^\circ$ wall fixing bracket. Material galvanized steel sheet painted DRY WHITE. Including fixing screws. 2-piece kit.



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





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

COD. KFS760000



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

COD. **KS013**

^{**} Actual flow may have a tolerance of ± 10%

^{***} The product is supplied as standard without end caps, to be ordered separately.



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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.



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.