

Description: Direct light recessed LED luminaire suitable for installation on plasterboard false ceilings and C series slats with angular edges using the supplied fixing brackets.

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 is supplied complete with accessories for fixing.

Optical group: **MOT** high transmittance opal methacrylate diffuser. It offers excellent light diffusion with high uniformity. Optics resistant to glow-wire test at 650 ° C according to CEI EN 60695-2-11 standards.

Protection degree IP40 (IP20 embedded part).

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 dimmable version, with DALI dimmable electronic driver included.

Versions with emergency kit (1/3 hours of autonomy) are available on request.

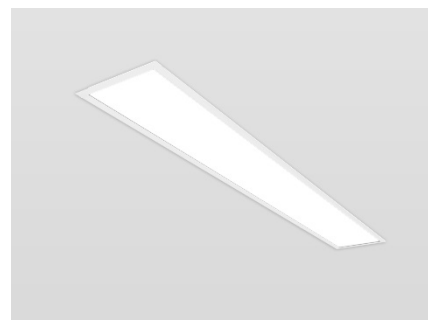
Luminous source: High efficiency LEDs arranged on rigid modules, color rendering CRI> 80 (CRI> 90 available on request), color temperature 3000K and 4000K (selected LED diode 3 MacAdam ellipses in order to guarantee uniform chromaticity).

LED TUNABLE WHITE 2700-6500K versions available on request.

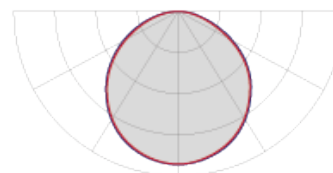
Life of the sources in normal conditions: over 50,000 hours L80 / B10 at Ta = 25 ° C.

Regulations:

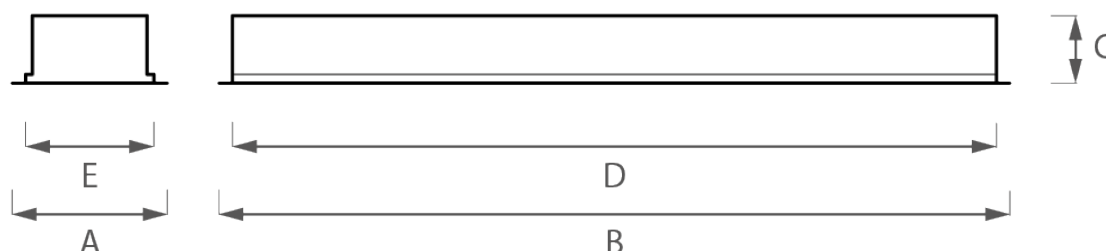
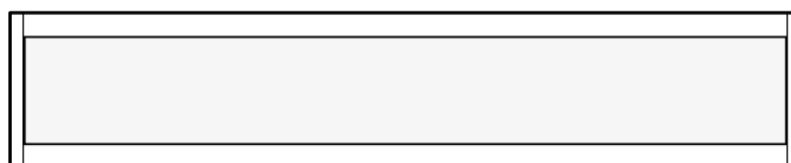
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|----------------|------------------|---------------------------|
| • EN 61547 | • IEC/TR 62471-2 | • EN 60598-2-13 |
| • EN 55015 | • EN 60061-1 | • EN 62471 (risk class 0) |
| • EN 61000-3-2 | • EN 62031 | • EN 62560 |
| • EN 61000-3-3 | • EN 62493 | • EN 60968 |
| • EN 60529 | • EN 60598-1 | |



Demonstration image



Photometric curve



Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm]						Code / Wiring	
						A	B	C	D	E	Incasso	LED	LED DALI
13	3000K	>80	1495	115	A++	230	660	90	175	620	177x622	281000132	281000133
13	4000K	>80	1612	124	A++	230	660	90	175	620	177x622	281000140	281000141
26	3000K	>80	2990	115	A++	230	1270	90	175	1230	177x1232	281000148	281000149
26	4000K	>80	3224	124	A++	230	1270	90	175	1230	177x1232	281000156	281000157
33	3000K	>80	3795	115	A++	230	1570	90	175	1530	177x1532	281000269	281000272
33	4000K	>80	4092	124	A++	230	1570	90	175	1530	177x1532	281000270	281000271
24	3000K	>80	2760	115	A++	230	660	90	175	620	177x622	281000136	281000137
24	4000K	>80	2976	124	A++	230	660	90	175	620	177x622	281000144	281000145
48	3000K	>80	5520	115	A++	230	1270	90	175	1230	177x1232	281000152	281000153
48	4000K	>80	5952	124	A++	230	1270	90	175	1230	177x1232	281000160	281000161
60	3000K	>80	6900	115	A++	230	1570	90	175	1530	177x1532	281000273	281000276
60	4000K	>80	7440	124	A++	230	1570	90	175	1530	177x1532	281000274	281000275

* Actual flow may have a tolerance of $\pm 10\%$.