



Description: Luminaire suitable for installation on REI 180 fireproof compartments. Direct light LED luminaire suitable for recessed installation on modular panels 600x600 with visible "T" structure. Lay-in installation, it does not require mounting brackets. Device certified REI 120 by the Giordano Institute of Bellaria (RM), according to UNI EN 1365-2 and the Ministerial Decree 02/16/2007. Safety installation by means of a hanger is recommended (not included).

Body: Structure made of double metal body in steel sheet, thickness 10/10, powder coated with white (RAL9003 opaque) epoxy powders thermosetting at 180°C, after degreasing, phosphatizing and washing treatment. Upper air space filled with a ceramic fibre mattress and lateral air space insulated with mineral fibre panel. Perimeter profile equipped with ecological, non-carcinogenic ceramic paper gaskets.

Optical group: PMO microprismatic polycarbonate diffuser, UV-protected for a better resistance to weathering.

The diffuser allows a controlled anti-glare emission, with luminance values <3000 cd/m² for emission angles >65° on all directions (UGR<19), therefore it is suitable to be installed in the presence of visual display units according to UNI EN 12464-1 Regulations. Glow-wire test resistance at 850°C. Protection degree: IP40.

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.

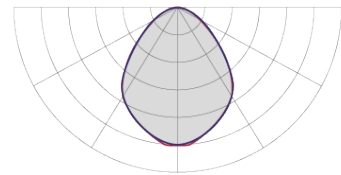
Life of the sources in normal conditions: over 50,000 hours L80 / B10 at Ta = 25 ° C.

Regulations:

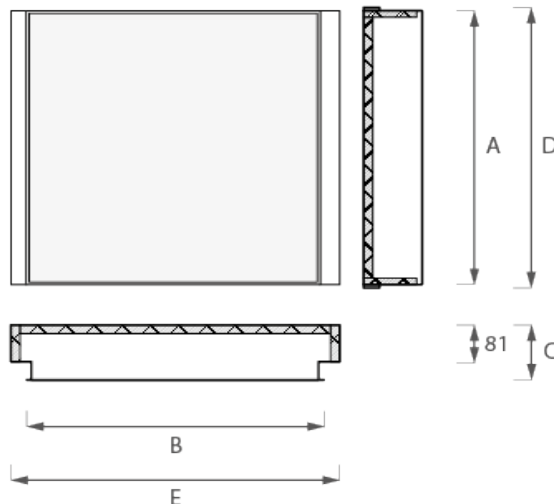
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|-----------------|------------------|---------------------------|
| • EN 61547 | • IEC/TR 62471-2 | • EN 60598-2-2 |
| • EN 55015 | • EN 60061-1 | • EN 62471 (risk class 0) |
| • EN 61000-3-2 | • EN 62031 | • EN 62560 |
| • EN 61000-3-3 | • EN 62493 | • EN 60968 |
| • EN 61347-1 | • EN 60598-1 | • CEI 76-10 |
| • EN 61347-2-13 | • EN 60598-2-1 | • EN 60529 |



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	LED	LED DALI
32	3000K	>80	3552	111	A++	590	595	121	605	660	146000353	146000354
32	4000K	>80	3744	117	A++	590	595	121	605	660	146000355	146000356
38	3000K	>80	4218	111	A++	590	595	121	605	660	146000357	146000358
38	4000K	>80	4446	117	A++	590	595	121	605	660	146000359	146000360
44	3000K	>80	4884	111	A++	590	595	121	605	660	146000361	146000362
44	4000K	>80	5148	117	A++	590	595	121	605	660	146000363	146000364
50	3000K	>80	5550	111	A++	590	595	121	605	660	146000365	146000366
50	4000K	>80	5850	117	A++	590	595	121	605	660	146000367	146000368

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