



Description: LED luminaire with direct light emission, suitable for ceiling installation.

Body: steel sheet, painted in matt white (RAL 9003 matt) with thermosetting epoxy powders at 180 ° C, after degreasing, phosphating and washing treatment. Other colors on request.

Optical group: PMO optic consisting of:

- upper reflectors with parabolic profile in white aluminum inserted inside the luminaire without the use of tools to facilitate maintenance operations;
- central casing, painted in white, where 2 translucent polycarbonate diffusers are placed laterally for indirect emission;
- front diffuser in microprismatic polycarbonate, snap-fixed in the metal body (glow-wire test 850 ° C).

Controlled light emission optics with luminance values <math><3000\text{ cd / m}^2</math> for emission angles above 65 ° on all planes (UGR <math><19</math>) 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 IP40 (IP20 embedded part).

Wiring: feeding 220-240V 50/60Hz with rigid cable (section 0.50 mm²) and PVC-HT sheathing resistant at 90°C according at CEI 20-20. Terminal board with maximum wire section allowed 2,5 mm². Insulation class I. It is suitable to be installed on normally flammable surfaces.

- LED version with electronic driver (ON/OFF), included.
 - LED DALI dimmable version, digital standard DALI, with 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, colour rendering CRI>80 (CRI>90 available on request), colour temperature 3000K and 4000K (LED diodes selected 3 MacAdam ellipses to ensure a perfect uniform chromaticity).

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

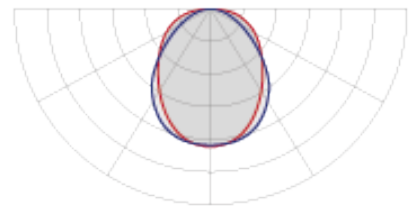
Life of the sources in normal conditions: over 50,000 hours L80 / B10 at Ta = 25 ° C.

Regulations: luminaire in conformity with:

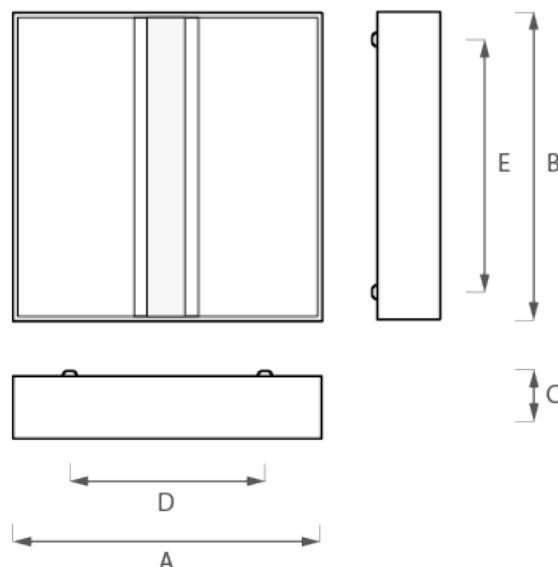
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|-----------------|------------------|---------------------------|
| • EN 61547 | • IEC/TR 62471-2 | • EN 60598-2-2 |
| • EN 55015 | • EN 60061-1 | • EN 62471 (risk class 0) |
| • EN 61000-3-2 | • EN 62031 | • EN 62560 |
| • EN 61000-3-3 | • EN 62493 | • 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
42	3000	>80	3570	85	A++	620	620	127	390	510	330100001	330100004
42	4000	>80	3906	93	A++	620	620	127	390	510	330100007	330100010
50	3000	>80	4250	85	A++	620	620	127	390	510	330100002	330100005
50	4000	>80	4650	93	A++	620	620	127	390	510	330100008	330100011
64	3000	>80	5440	85	A++	620	620	127	390	510	330100003	330100006
64	4000	>80	5952	93	A++	620	620	127	390	510	330100009	330100012
63	3000	>80	5355	85	A++	320	1220	127	190	1110	330100013	330100015
63	4000	>80	5859	93	A++	320	1220	127	190	1110	330100014	330100016

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