



**Description:** recessed LED luminaire, direct light, suitable for installation on:

- suspended ceilings with modular panels 300 / 600x600 / 1200 with visible structure. Installation resting on the false ceiling structure (no fixing brackets required).
- false ceilings with modular panels 300 / 600x600 / 1200 with hidden warping. Installation with fixing brackets included.
- non-inspectable plasterboard false ceilings. Installation by means of fixing brackets included (protruding panel of its own thickness).

**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:** PSU microprismatic diffuser. Controlled light emission optics with luminance values <math> < 3000 \text{ cd} / \text{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.

Protection degree **IP54 (IP20 embedded part)**.

**Wiring:** power supply 220-240V 50 / 60Hz with rigid cable, sect. 0.50 mm<sup>2</sup> and PVC-HT sheath resistant to 90 ° C according to CEI 20-20 standards. Terminal block with maximum allowed cable cross section of 2.5 mm<sup>2</sup>. 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.

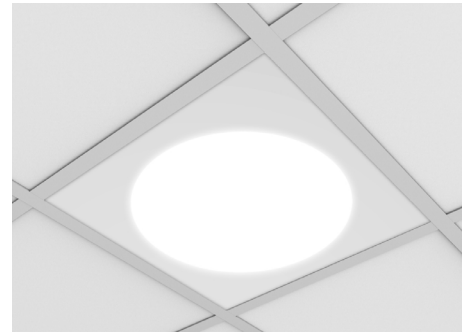
**Luminous source:** High efficiency LEDs arranged on rigid modules, color rendering CRI> 80 (CRI> 90 available on request), color temperature 3000K and 4000K (selected LED diode 3 MacAdam ellipses in order to guarantee uniform chromaticity).

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

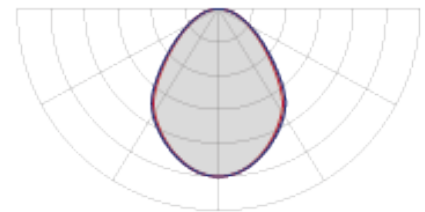
Life of the sources in normal conditions: over 50,000 hours L80 / B10 at Ta = 25 ° C.

**Regulations:** luminaire in conformity with:

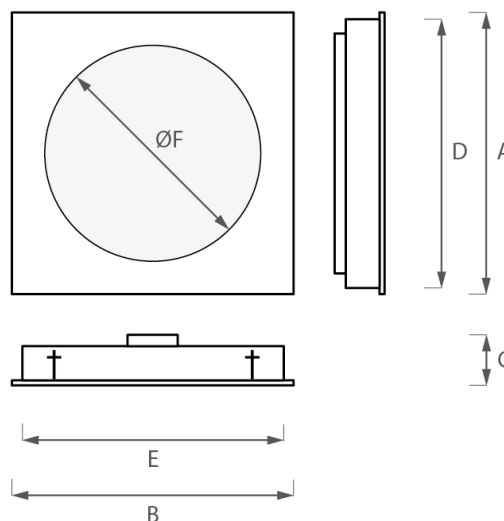
- |                 |                  |                           |
|-----------------|------------------|---------------------------|
| • EN 61547      | • IEC/TR 62471-2 | • EN 60598-2-2            |
| • EN 55015      | • EN 60061-1     | • EN 62471 (risk class 0) |
| • EN 61000-3-2  | • EN 62031       | • 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	Ø F	LED	LED DALI
32	3000K	>80	3296	103	A++	596	570	546	82	106	460	178000113	178000117
32	4000K	>80	3488	109	A++	596	570	546	82	106	460	178000121	178000125
38	3000K	>80	3914	103	A++	596	570	546	82	106	460	178000114	178000118
38	4000K	>80	4142	109	A++	596	570	546	82	106	460	178000122	178000126
44	3000K	>80	4532	103	A++	596	570	546	82	106	460	178000115	178000119
44	4000K	>80	4796	109	A++	596	570	546	82	106	460	178000123	178000127
50	3000K	>80	5150	103	A++	596	570	546	82	106	460	178000116	178000120
50	4000K	>80	5450	109	A++	596	570	546	82	106	460	178000124	178000128

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