

Description: LED recessed luminaire with direct emission, suitable for installation in:

- **600x600 modular panel** false ceilings with **visible** structure. Installation resting on the false ceiling structure (no fixing brackets required).
 - **600x600 modular panel** false ceilings with **hidden** warping. Installation with fixing brackets.
 - non-inspectable **plasterboard** false ceilings. Installation with fixing brackets
- Fixing brackets kit (code **KCS167000**) consisting of fixing brackets in galvanized steel and relative screws for installation on hidden structure and plasterboard to be ordered separately.

Body: steel sheet, painted **white** (RAL 9003 opaque) with thermosetting epoxy powders at 180 ° C, after degreasing, phosphating and washing treatment.

Optics: DLM optic in specular aluminum. Controlled light emission optics with luminance values **<3000 cd / m² for emission angles above 65 ° on all planes** (UGR <19) and therefore compliant to be installed in environments with the use of video terminals according to **UNI EN 12464- 1**.

Protection degree: **IP40 / 20**.

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 cross-section of 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:

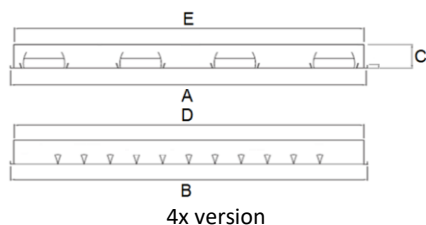
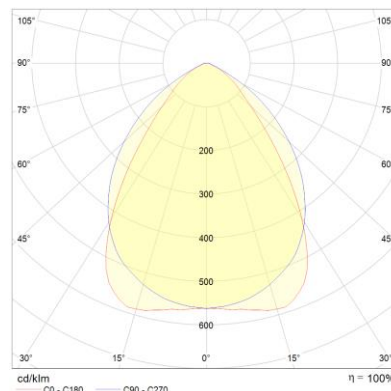
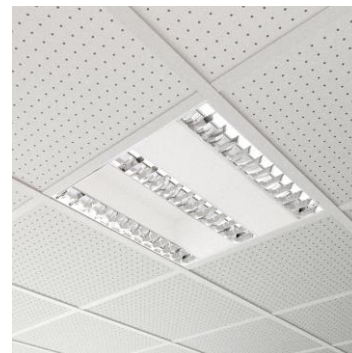
High efficiency LEDs arranged on rigid modules, color rendering **CRI>80** (**CRI>90** available on request), color temperature **3000K** and **4000K** (LED diode selected **3 MacAdam ellipses** in order to guarantee uniform chromaticity).

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

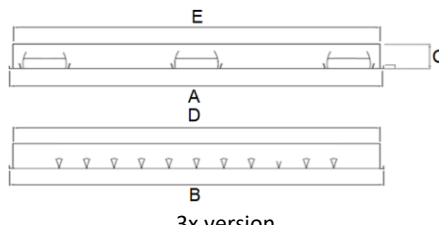
Duration of the sources in normal conditions: **over 50,000 hours L80 / B10 at Ta = 25 ° C**.

Compliance: appliance complies with the following standards:

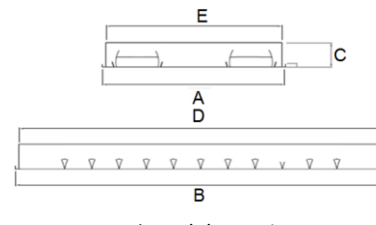
- | | | |
|-----------------|------------------|---------------------------|
| • EN 61547 | • IEC/TR 62471-2 | • EN 60598-2-2 |
| • EN 55015 | • EN 60061-1 | • EN 62471 (risk class 0) |
| • EN 61000-3-2 | • EN 62031 | • EN 62560 |
| • EN 61000-3-3 | • EN 62493 | • EN 60968 |
| • EN 61347-1 | • EN 60598-1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



4x version



3x version



1/2 module version

Power [W]	N° modules	Color temperature	CRI	Effective flux [lumen] *	Efficiency [lm/W]	Energetic Class	Dimensions [mm]					Codes	
							A	B	C	D	E	LED	LED DALI
31	3	3000K	>80	3534	114	A++	596	596	52	572	572	167000179	167000180
31	3	4000K	>80	3813	123	A++	596	596	52	572	572	167000148	167000149
39	3	3000K	>80	4446	114	A++	596	596	52	572	572	167000079	167000083
39	3	4000K	>80	4797	123	A++	596	596	52	572	572	167000080	167000084
52	4	3000K	>80	5928	114	A++	596	596	52	572	572	167000081	167000085
52	4	4000K	>80	6396	123	A++	596	596	52	572	572	167000082	167000086
72	3	3000K	>80	8208	114	A++	596	596	52	572	1172	167000119	167000120
72	3	4000K	>80	8856	123	A++	596	596	52	572	1172	167000116	167000118
52	4	3000K	>80	5928	114	A++	296	1196	52	272	1172	167000137	167000138
52	4	4000K	>80	6396	123	A++	296	1196	52	272	1172	167000114	167000141

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

INSTALLATION ACCESSORIES



False ceiling fixing bracket kit
Kit of 4 pcs.

COD. **KCS167000**