

RELAX EVO

* LED lighting fixture for indoor applications designed and manufactured in Italy, suitable for recessed installation for modular false ceilings, 600/600mm, with visible load-bearing structure.

* Class I.

* Shaped, folded and welded body, made of sheet steel, th. 6/10, electrolytic galvanizing surface treatment.

* Upper housing for wiring compartment made of pre-painted sheet steel, th. 6/10.

* Full painting with polyester powder, matte finish, color RAL 9003.

* Degree of protection IP43 lower side, IP20 recessed upper side.

* Access to the 3/5-pole push terminal block through the upper open compartment.

* Passive dissipation system.

* IK05 degree of impact resistance.

* LED bars (161lm/W @250mA Tj=85°C) color temperature 4000K, 3000K and 5000K made with the B/C system for shadows and reflections reduction.

* CRI greater than or equal to 80, minimum selection guaranteed 3step macAdams. Available with CRI90.

* Standard wattage from 12W to 26W, flows from 1905lm to 3465lm, standard current 350mA and 700mA.

* 48-compartment multi-lens optical clusters, made by injection molding in methyl methacrylate polymer, UV-resistant PMMA UL94 compliant with incandescent wire resistance at 700°C.

* 2 possible lighting solutions: 60° (UGR <16) and 90° (UGR <19) developed with innovative ELA (Extended Light Area) and CLC (Constant Light Color) systems.

* In accordance with the regulatory requirements in EN 62471:2008 (photobiological risk), the product is classified according to the "Exempt" risk group (ie RG0).

* CE, Rohs, Reach certified.

* The product complies with the reference standards EN/IEC 60598-1:2015 and in particular with EN/IEC 60598-2-2.

* Life expectancy (LM80, LM79, TM21 test) LED 54000h L80B20 @ta 25°C, 54000h, L70B50 @ ta40°C. Standard operating temperature -25°C/+40°C.

* Electronic power supply 220-240V 50/60Hz.

* Resistance to impulse over voltages 4kV in common mode; 2kV in differential mode, overvoltage protection with automatic shutdown >285V, overload protection (limitation of the output voltage); short circuit protection (limitation of the output current); overvoltage protection (neutral disconnection); overtemperature protection, with first current reduction threshold (NTC), second with electrical disconnection of the product; according to EN 61000-4-5.

- * $\cos\phi$ 0.95, harmonic distortion <4%.
- * Made in Italy logo, drawn on the upper casing, to prove the real origin of the product.
- * Energy saving class (A - A ++).
- * Environmentally friendly product, with over 80% of recyclable components.
- * Available with DALI power supply, emergency module 1h and 3h conforming to EN 60598-2-22.
- * Available with suspension kit, recessed frame for plasterboard ceilings.
- * Prepared for variable power supply.
- * Standard 3-year warranty.