

## MASTER EVO

\* LED lighting fixture for indoor applications entirely 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 lower bearing frame, made of sheet metal th. 25/10, electrolytic galvanizing surface treatment.

\* Upper body made of steel, pre-painted sheet metal, th. 25/10. The product is characterized by the total absence of visible screws.

\* Maximum product height 43mm.

\* 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.

\* 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.

\* IK05 Degree of impact resistance.

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

\* Standard wattage from 17W to 68W, flows from 2790lm to 11160lm, standard current at 250 and 350mA.

\* 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 (i.e. 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, over voltage 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.