

## ARCADIA

\*Rectangular ceiling and recessed luminaire 595mm x 595mm x 37.5mm with 28 optical elements for LED sources

\*Fixed optics with Light&Dark reflectors made of high-definition PC black Matt surfaces integrated in a rear position in the anti-glare screen. The optical system guarantees an effective flow and high visual comfort capable of significantly limiting direct glare.

\* Lower load-bearing frame shaped, folded and welded, made of steel thickness 06/10, electrolytic galvanizing surface treatment.

\* Upper body made of pre-painted steel, thickness 06/10. The product is characterized by the total absence of visible screws.

\* Installation and ordinary maintenance are carried out by simply interlocking the two bodies.

\* Full polyester powder coating, matt finish, RAL 9003 color.

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

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

\* Passive dissipation system and self-dissipating LED modules.

\* LED modules 280x25 mm (164lm/W @ 350mA Tj=85°C) color 4000K, 3000K and 5000K approved for EN 62031 and EN 62471

\* CRI Ra > 90, minimum guaranteed selection 3step macAdams.

\* Standard wattage from 27W and 44W, flows from 4380 lm to 6800 lm, standard current 350mA and 500mA.

\* 7-impression multi-lens optics made by injection molding in methyl methacrylate polymer, UL94 anti-UV PMMA compliant with incandescent wire resistance at 700°C.

\* 2 possible lighting solutions 65° (UGR<16) and 90° (UGR<19) developed with the innovative CLC (Constant Light Colour) system.

\* 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 certification.

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

\* Impact resistance grade IK05.

\* Life expectancy (LM80, LM79, TM21 test) LED 72000h L80B10 @ta 25°C and 55000, L8B10 @T° max.

Standard operating temperature -25°C/+45°C.

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

- \* Insulation class I
- \* resistance to impulsive overvoltages 2kV in common mode; 1kV in differential mode, overvoltage protection with automatic switch-off >285V, overload protection (output voltage limitation); short circuit protection (output current limitation); overvoltage protection (neutral disconnection); overtemperature protection, with first threshold in current reduction (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, deep-drawn on the lower casing, to prove the real origin of the product.
- \* Eco-friendly product, with over 80% of the components used, recyclable.
- \* Available with DALI, DALI2 power supply, 1h and 3h emergency module compliant with EN 60598-2-22.
- \* Prepared for variable power supply.
- \* Compatible with Bluetooth, CASAMBI and Tunable White systems
- \* Compliant with CAM standards
- \* Standard 3-year warranty.