

TECHNICAL DESCRIPTION

MAGIC



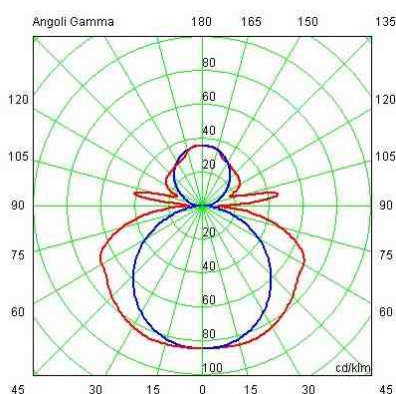
Description: Thanks to its lighting qualities and the excellent colour yield (>91%), it is particularly indicated for dentist's rooms and for all the environments where it is necessary to limit the dazzle and control the quality of the colours.

Multidirectional light apparatus: optimum light diffusion through the perforated semispheres that allow to give out the light towards the ceiling and the dental treatment chair: the room is completely illuminated thanks to the light reflection that reduces the contrasts between the working and the surrounding area. The patient will be more relaxed thanks to the limitation of the dazzle as the luminous sources are hidden in the lower part of the perforated semisphere which is equipped with inside diffuser. Thanks to the exclusive use of electronic components, Magic does not give heat out: the temperature at the distance of 10 cm from the apparatus is only 0,9°C higher than the average temperature of the environment. The apparatus is in conformity with ISO 9680.

Body : Lateral profiles made of extruded aluminium and electrical group situated in a metallic raceway made of sheet steel (6/10) painted with white (RAL9003) epoxy powders thermosetting at 180°C, with degreasing, phosphatisation and washing treatment. The apparatus is equipped with suspension kit with Y steel cable.

Optical Group: Composed of easy removable perforated semospheres in white aluminium. The lower semisphere is equipped with inside diffuser made of antidazzle opal polycarbonate.

Wiring: Feeding 230V/50 Hz with rigid cable (section 0,50 mm²) and PVC-HT sheathing resistant at 90°C according to CEI 20-20 directives. Terminal board 2P+T with maximum wire section allowed 2,5mm². Polycarbonate lamp holder and phosphorous bronze contacts. Insulation class I. It is suitable to be installed on normally inflammable surfaces



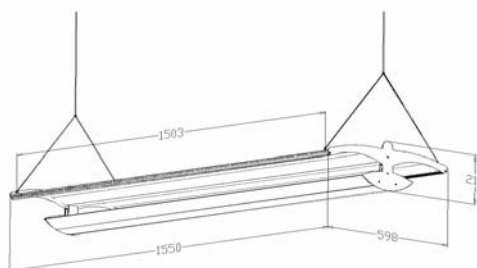
Available versions:

- **CEL** version with electronic ballast EEI=A2, 230V 50Hz, heat inition, power factor 0,99.
- **CED** verion with analogical dimmable electronic ballast (1-10V) EEI=A1, 230V 50Hz, heat ignition, power factor 0,96 with a photodetector for the adjustment of the light.
- **CEL-E** and **CED-E** emergency versions with emergency group connected with an always functioning lamp SA mode (always on): in case di blackout or feeding shortness the neon connected to the emergency kit keeps working . Durations:60 minutes, Ni/Cd battery, time to recharge 24 hours.

Lamps: FL T26 linear fluourescent lamps, lamp coupling G13. The lamps are furnished with the apparatus. Double tone fluourescent lamps: 6000K in central position and 5400 in lateral position.

Regulations: apparatus in conformity with:

- EN 60598, electric security
- EN 55015, EN 61000 electromagnetic compatibility
- EN 60529, protection degree



Size : 1550mm x 600 mm x 215 mm