





EUROPEAN DESIGN COMPETITION “LIGHTS OF THE FUTURE”

Name of Luminaire	Kinesis     <i>(European Registered Patent)</i>
Design Category	Ceiling fixture
Dimensions of Luminaire	Height : 36 mm – Depth : 910 mm Width : variable from 200 mm until 240 mm
Type of Lamp, Wattage	T5-FQ Fluorescent lamp (G5) – 39W
Class of Ballast Used	Celma classification scheme : EEI=A2
Main Production Materials	Anodised extruded aluminium, under vacuum metalled ABS - V0, 99.85% optic aluminium
Intended Target Market	Middle-high range consumer market
Estimated Production Cost in Euro	Estimated production cost of Luminaire without T5 fluorescent lamp : 90 Euro
Estimated Retail Price Class in Euro, excluding pin-based bulb and value added tax	250 Euro

Product Description:

The main structure consists in 4 movable screens made of aluminium which can be regulated autonomously, according to the specific needs, by a manual rotation of the knobs either separately or all together in order to obtain different kinds of lighting with direct, or indirect light flux and up-down, asymmetrical or symmetrical luminous effects.

The elegance of the lines and the lightness of the ultra flat shape (only 36 mm thickness) are enhanced by a suspended fixing by means of a single cable which enables both the ceiling fixture and the electrical connection.

The choice of the extruded, natural anodised aluminium, has been suggested by the malleability of this material that offers many advantages such as:

- The possibility to realize high definite sections by metal extrusion process
- The lightness thanks to the light weight compared to the mass
- A very high recycling power
- The constant inalterability by anodising process
- A nice shape.

The resulting diffused light is strong and homogeneous thanks to the anodised aluminium elements inside the appliance which, besides the main structural function, thanks to their geometrical shape, act as light flux regenerators together with the mirror surface reflectors fitted inside the sliding screens.

The characteristics of this lamp meet the requirements of the medium-high range user who is aware both to the energy saving and therefore to a correct lighting use, and in respect for the environment, thanks to the recycling power of the material employed. Anyway, he is demanding about the total look considering the lamp not only as a mere and static "essential thing", but the user also would like to interact with this object in order to fulfil his needs.

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