

## EUROPEAN DESIGN COMPETITION “LIGHTS OF THE FUTURE”

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| <b>Name of Luminaire</b>  | <i>Quadrata</i>  |
| <b>Design Category</b>  | <i>Ceiling and wall fixture</i>  |
| <b>Dimensions of Luminaire</b>  | <i>ceiling: 60 x 500 (susp. height) x 1350mm<br/>wall : 60 x102 x 370/550/670 mm</i>   |
| <b>Type of Lamp, Wattage</b>  | <i>Ceiling: Tubular fluorescent lamp T8 (G13 socket) 1x36/2x36 W or T5 (G5 socket) 1x54/2x54W<br/>Wall: Compact fluorescent lamp (2G11 socket) 1x18W / 1x36W / 1x55W</i> |
| <b>Class of Ballast Used</b>  | <i>low/loss ballast (class B2) and electronic ballast (class A2)</i>   |
| <b>Main Production Materials</b>  | <i>metal tube 60x60mm, frosted glass diffuser, acrylic diffuser</i>  |
| <b>Intended Target Market</b>   | <i>Residential Market, Hotels and Offices.</i>   |
| <b>Estimated Production Cost in Euro</b>  | <i>estimated cost of luminaire without the lamp :<br/>100,00 – 150,00 Euro</i>   |
| <b>Estimated Retail Price Class in Euro, excluding pin-based bulb and value added tax</b> | <i>205,00 - 310,00 Euro (depending on the power)</i>   |

### Product Description:

*Quadrata emerged from the need to create a product that would respond to some requirements:*

- A small and visually simple luminaire, to the home and office environment*
- Aimed at energy saving, therefore using an electronic ballast (class A2) or a low loss conventional ballast (class B2)*
- With direct and indirect lighting. Frosted Glass for the visible diffusers and clear acrylic for the hidden apertures.*
- That could be suspended or wall mounted*
- That would house T5 as well as T8 fluorescent tubular lamps for the suspended version, and compact fluorescent lamps for the wall mounted version.*
- Having available two kinds of body finishings: light aluminium (ral 9006 mat) and Dark Grey.*

*The result was this family of discreet and fluid luminaires that uses a standard 60x60mm metal tube as the body, where it only lodges a lamp and the diffusers, and a smaller box placed in the surface (ceiling or wall) that houses the ballast and other components.*

*Because some times just a lamp is not enough, its possible to join two tubes and create a more efficient fixture.*

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| <b>Company Name</b>         | <i>Climar, Indústria de Iluminação S.A.</i>             |
| <b>Contact person</b>       | <i>Helga Arraiano</i>                                   |
| <b>Designer</b>             | <i>Helga Arraiano</i>                                   |
| <b>Street, House Number</b> | <i>Apartado 170. Brejo.</i>                             |
| <b>Town/City</b>            | <i>Águeda</i>   |
| <b>Postal Code</b>          | <i>PT-3754 909</i>                                      |
| <b>Country</b>              | <i>Portugal</i>   |
| <b>Tel.</b>                 | <i>+351-234623426</i>                                   |
| <b>Fax</b>                  | <i>+351-234601974</i>                                   |
| <b>URL</b>                  | <i><a href="http://www.climar.pt">www.climar.pt</a></i> |
| <b>E-mail</b>               | <i>geral@climar.pt</i>                                  |