

Modulable Lamp _ LAMBDA.

KEYWORDS

- ❑ TABLE LAMP
- ❑ LAMP WITH LED TECHNOLOGY AND DIMMER
- ❑ PORTABLE LAMP
- ❑ VERSATILE LAMP
- ❑ RECHARGEABLE LAMP

AREA

- ❑ ARCHITECTURE DESIGN & CULTURAL HERITAGE

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Priority Number

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Patent Type

Patent for utility model.

Ownership

Sapienza University of Rome 100%.

Inventors

Sabrina Lucibello, Spartaco Paris.

Industrial & Commercial Reference

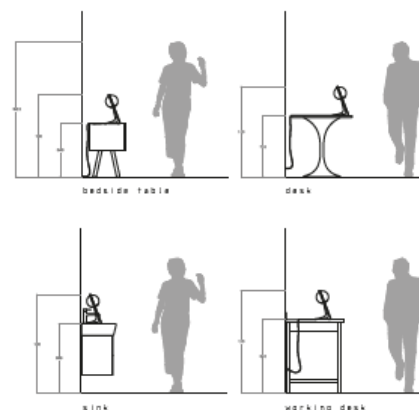
The main areas of application are in the supply of lighting systems and accessories for the home.

Time to Market

The invention is well studied at a technical level, but needs to be developed for the final industrial production, considering however that the LED technologies used, are already widely studied and in use and that, therefore, the development of the invention requires a focus in particular from the point of manufacturing view and engineering.

Availability

Cession, Research, Development, Experimentation.



Abstract

Lambda is a countertop lighting system, which mainly includes a support and recharging base and a round-shaped luminous element, shaped like a sphere, removable from the support, which also consists of an illuminating element and a recharge.

The light is obtained through current LED technical device and also includes a rechargeable battery.

The luminous element therefore has two uses depending on the position: when it is supported on the base it constitutes a primary light source; when removed from the base it can be carried like a luminous globe and placed anywhere.

Publications

- ❖ Paris, S. (2015, November). Lighting and home automation, review. In Domus n. 996, p.102-3. Milan: Editoriale Domus.



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Technical Description

The lamp is made up of two main elements:

- The soft-touch globe light element, with a silicone coating or casing, or similar material, which hosts the LED lighting device.
- The base element is designed in ABS and has a circular seat, or at least a rounded profile, which hosts the luminous element and accommodates the battery. This seat bears, in correspondence of its own perimeter surface in contact with the luminous element, an LED strip, which emanates a dome light in the absence of the removable globe luminous element.

In addition, the base has a mirrored front surface, thus integrating a function of merchandise products different from the lighting sector.

Technologies & Advantages

The proposed device model implements a lighting system that mainly includes a support and recharging base and a sphere-shaped luminous element, removable, which is associated with the base.

The luminous element can be illuminated by one or more LEDs and also includes a rechargeable battery. In the preferred use, the luminous element is supported on the base and, in that configuration, recharged.

The luminous element therefore has two uses according to the position: when it is supported on the base it constitutes a primary light source; when it is removed from the base it can be carried like a light globe and supported everywhere.

Applications

The main areas of application are in the supply of lighting systems and accessories for the home and for high-end hotels.



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