

ATHENA

The lamp daughter of Zeus

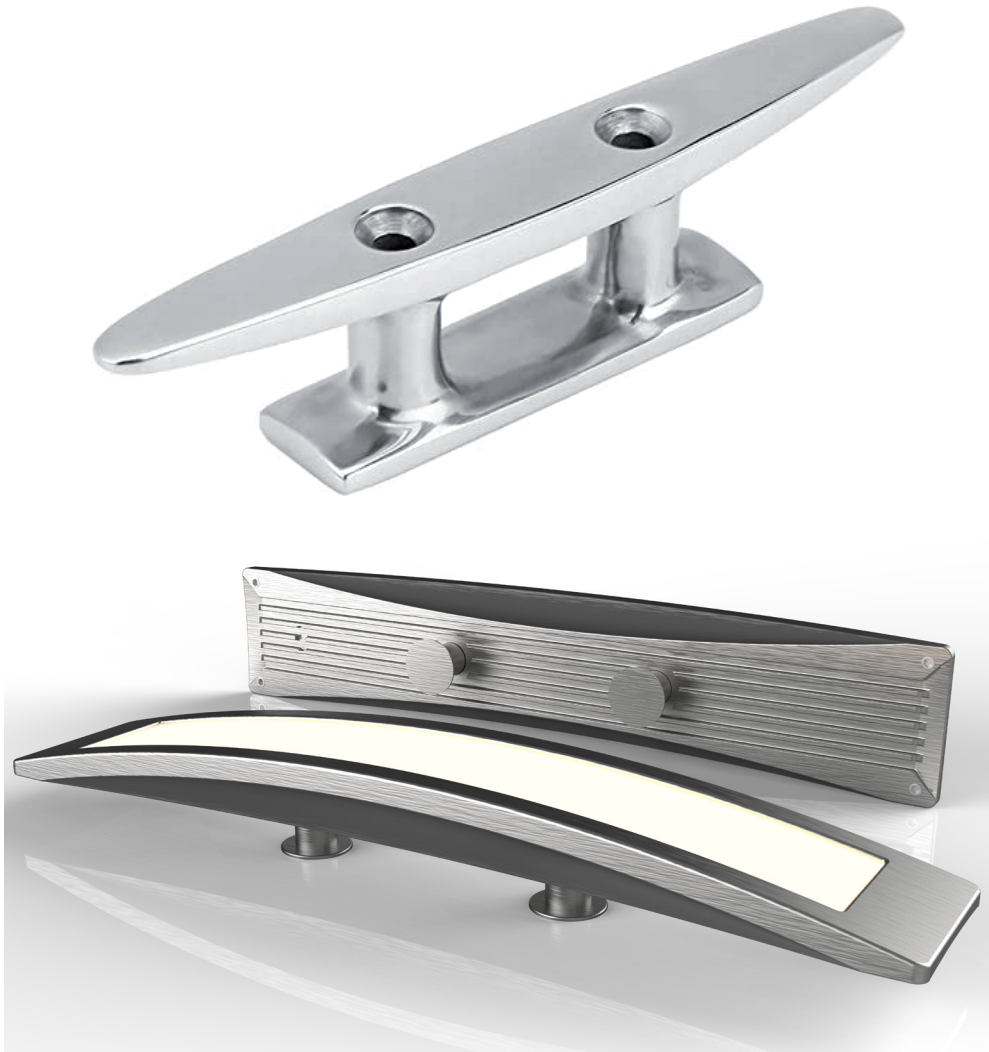
by MircoLed and AlmiLed

Introduction

Our creation takes the name of Athena, favorite daughter of Zeus God of the sun, Goddess of the wisdom of the arts and warrior Goddess, defender and instructor of industrious women, inspirer of craftsmen, protector of children.

The Idea

The idea of creating a new solution to be included in the nautical world took its cue from the “bollard”.



The bollard is an indispensable element for a yacht and we want our lamp to become an essential complement in the furnishing of the yacht.



pendant model with aluminum bracket



suspension and wall model with aluminum bracket for the outside

The Structure

The realization of Athena starts from a mechanical processing called “from solid” or “cnc”, this is a process that allows with certain “cutters or lathes”, often also called “machining centers” to obtain objects starting from a block of metal as in this case, “aluminum or derivatives”, “steel”, thus obtaining multiple forms of design.

To date this technique is also used to create “heat sinks”, a device generally mounted on an electronic board, which allows the temperature of the electrical and / or electronic components present that release heat, such as in this case “LEDs” and processors, to be lowered. preventing overheating from damaging them.

Specifiche tecniche led

Codice Code	Numero led Led number	Alimentazione Power supply	Potenza nominale Nominal power
MD-ATENA	30	24 vdc	14,4 watt

Dati per colore / Color data

Colore Color	Led	Temperatura del colore	Lumen minimi	Angolo
Bianco freddo	15	6500° k	35	120°
Bianco caldo	15	3000° k	35	



: Classe di protezione III (apparecchiatura in cui la protezione contro scossa elettrica si basa su alimentazione fornita da circuiti SELV in cui non si generano tensioni pericolose)



Smaltimento di rifiuto materiale elettrico/elettronico secondo normativa RAEE



prodotto seconda normativa Comunità Europea

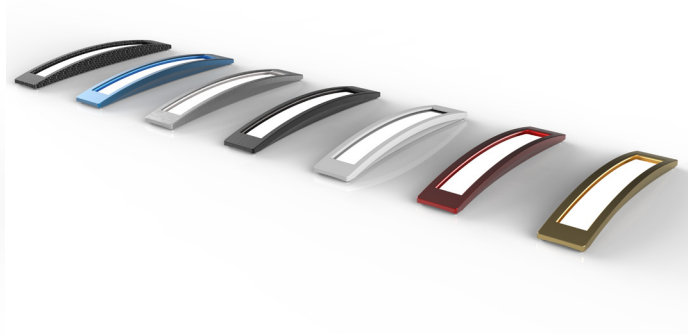
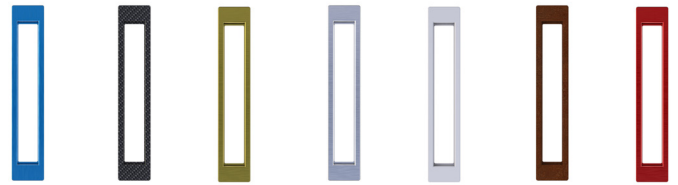
Gruppo di rischio fotobiologico seconda normativa EN 62471: Rischio del gruppo 1 (Rischio basso)

In addition to having physical properties, aluminum itself is used as a dissipating power and workability. We wanted to point out the “machined from solid” technique as unlike a “die casting” where the same material is subjected to a second casting inside a mold, it is to lose some important physical characteristics and it will not be possible later., “anodized” (anodization, non-spontaneous electrochemical process by which a protective oxide layer forms on the surface of the treated metal and protects it from corrosion, in this case aluminum, machined from solid or extruded). This technique maintains the properties of the material unaltered and makes it qualitatively better and purer.

The Components

Every detail that composes it starts from the color of the frame formed by a frame, from a body in (black, silver gray, titanium gray, blue, red, green, gray tending to blue,) from the Murano glass, handmade and curved by means of a special template with the possibility of coloring according to the tastes of the customer.

Inside we find an electronic circuit with 30 LEDs on board managed by a microprocessor for switching on via an infrared touch switch as an elegant touch without having to touch the surface of the glass but only by touching it. same electronic board so that it can match Athena's color.



In addition to the type of material used, we must say a few words for the various treatments it can undergo, including polishing, satin finishing, shot peening, 3D treatment and chrome plating. It is thus possible to obtain a polishing of the body and the frame and / or only of a particular or both, which allows a brilliant and shiny shape with a mirrored effect. The satin finish has a silk effect, and this finish gives the surface of the metal a matte appearance, as well as giving the product an aesthetic value, it also guarantees good resistance to scratches that can occur during use. The micro shot peening is a process that allows to improve and harmonize the appearance of the surface and to clean any processing residues.

The Design

This lamp of ours can be inserted into a ceiling, wall or table interior, you choose the best color and it integrates very well with the decor.

In an exterior, we can place it under an outdoor area, on the wall, on a ceiling and suspended using the various accessories, in a garden that indicates the path markers next to the sidewalk and on the sides of an elegant swimming pool.



wall model (abat-jour) in yacht interior.



ceiling and suspension model with carbon bracket



wall and suspension model with carbon bracket

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*Graphic and render by
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