

# BENFICA MUSEUM

## CASE STUDY



ARQUILED

BRIGHT NEW FUTURE



## Lighting project for the "Best Portuguese Museum" of 2014. Benfica Museum - Cosme Damião

### GOALS

The architectural lighting project for the museum included accesses, offices, common areas and exhibition area.

Opened on July 26th, 2013, the Benfica Museum - *Cosme Damião* is a museum dedicated to the history of Sport Lisboa and *Benfica*, located outside the *Luz* Stadium, in Lisbon.

Using the most modern technologies and full of interactivity, this space allows to relive some of the main moments of the 110 years of Benfica's history, as well as to divulge the history of Lisbon, Portugal and the World, having been distinguished with the "Portuguese Museum Award 2014" attributed by the Portuguese Museology Association (APOM).

With an area of 4,000 m<sup>2</sup>, the building is divided into 29 thematic areas and contains, in total, about 1,000 trophies won by the club's different modalities sports, and a collection of over 20,000 objects, as well as documents and audiovisuals related to the history of Benfica, within the sociocultural context of Portugal and the World.

The lighting project aimed to provide an attractive visual environment that would stimulate emotion and experience, with the premise of giving prominence to each work and creating environments appropriate adapted to each moment of the story.



## INSTALLED SOLUTION

### ENVIRONMENTS ADAPTED TO EACH MOMENT OF THE STORY

In close collaboration with the architects of MUDE, an Argentine company with solid experience in the design and development of museum projects, ARQUILED has designed a lighting project entirely in LED, which, because it does not emit UV radiation, constitutes the ideal solution for the illumination of this collection of high historical value and priceless material.

A wide range of products was used in the project, including ARQUILE, ARQUIPANEL, ARQUIHALO, ARQUILYRA, ARQUIOFFICE and ARQUIEAGLE, the latter being exclusively developed for the project itself.

The *Benfica - Cosme Damião* Museum was a highly complex and challenging project, of which ARQUILED is proud to have been a part of.

## BENEFITS

### OF PROJECT IMPLEMENTATION

The “Cosme Damião Museum of Sport Lisboa e Benfica”, has a custom-designed lighting system, with the appropriate color temperature for each element in order to project the glorious history of the club, displaying a heritage composed of more than 20,000 objects.

The system is all-LED, offering a **60% energy reduction compared to the energy consumption** of an equivalent system with traditional technology.



## ARQUILED

### BRIGHT NEW FUTURE

Arquiled is a general LED lighting manufacturer, specialized in professional luminaires for street lighting, systems, and services.

Headquartered in Mora-Alentejo, is a Portuguese industrial company, pioneering the market since 2005, that designs and develops its own products and solutions.

ARQUILED is committed to develop smart management solutions focused on reducing energy consumption and decarbonization, contributing to sustainable urban clusters.

### CONTACTS

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