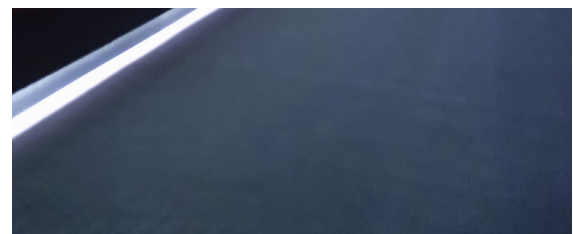
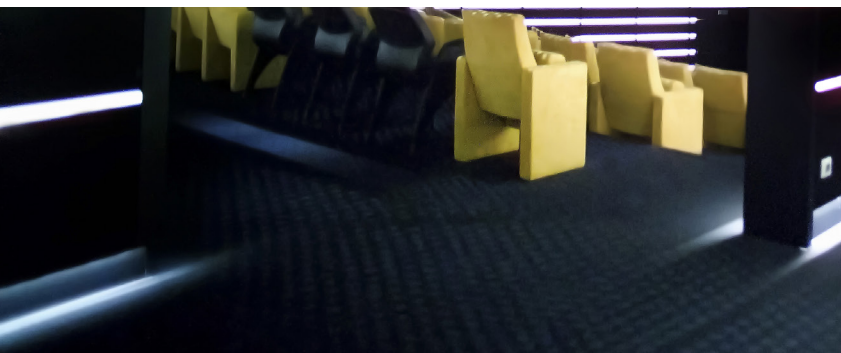
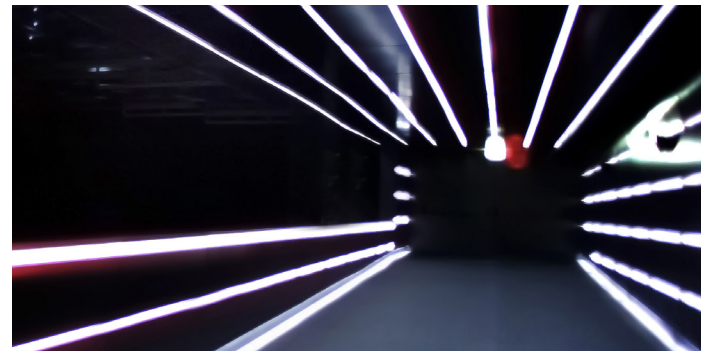
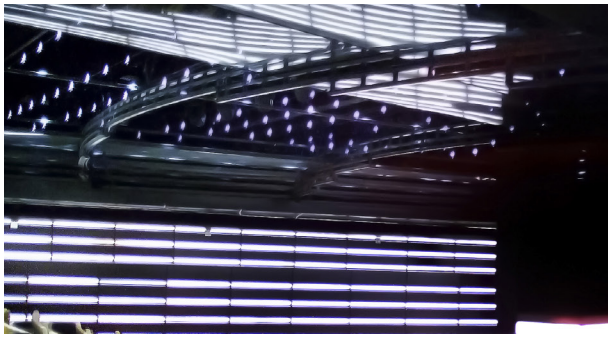


LISBON CASINO

CASE STUDY

ARQUILED

BRIGHT NEW FUTURE



Comprehensive LED project.
Building façade, game rooms, common areas, restaurant areas and bars,
exhibition halls and theater.

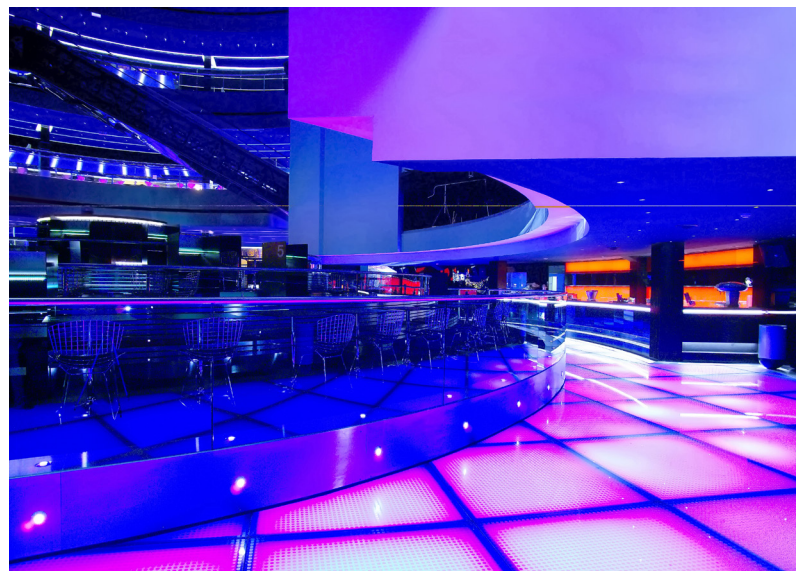
GOALS

Inaugurated on April 19, 2006, the Casino de Lisboa in Parque das Nações is located on the site previously occupied by the "Pavilion of the Future", one of the World Expo'98 event's icons.

The Casino de Lisboa is one of the largest and most modern casinos in Europe, offering its visitors a leisure and entertainment experience characterized by a diverse offer of shows and entertainment, gambling, gastronomy and culture.

Steel, glass and light are perfectly integrated in the building's architecture resulting in a refined, minimalist architecture that favors heights, enhances spaces and contrasts with the opalescent luminosity of glass floors and walls, which merge in chromatic mutation with state-of-the-art multimedia solutions.

The aim of this lighting project was simultaneously to project the image of truly cosmopolitan Lisbon, and to challenge visitors through dynamics and play of light perfectly integrated into the spirit of the building and the different activities that take place in it, leaving an indelible mark on their senses.



INSTALLED SOLUTION

ENVIRONMENTS ADAPTED TO EACH AREA

This project was a real challenge for the light design team, given the high complexity and sophistication of the building, which includes four large areas distributed over the four floors of the building – the entrance hall, the concert hall, the restaurant area and gaming, where more than 20,000 points of light were installed.

Entrance is the area with the greatest diversity of functions, which a passageway to the art galleries, terrace and cafeteria installed on the first floor, where musical groups perform among other types of shows being a point of great visual impact, with communication with the top floor through escalators and panoramic elevator next to the facade.

The entire pavement of the entrance is made of laminated glass modules, with interior lighting.

The walls of this public area were clad with tarnished laminated glass, with backlighting. Among the various types of lighting applied, the floor and walls were illuminated with polychromatic RGB lighting, implemented through different models of the ARQUILINE, ARQUIPANEL and ARQUIBAR families.

The ceilings of the play area, the Oceans Auditorium, the Art Gallery and service areas received more than 10,000 high-performance downlights from the ARQUISPOT and ARQUIHALO families of luminaires.

In 2009, the play area was expanded to the top floor, where more than 3,000 downlights were installed, using the product families mentioned above.

BENEFITS

OF PROJECT IMPLEMENTATION

Although the project dates to 2006, the Casino de Lisboa continues to enjoy a perfectly up-to-date installation, with high lighting efficiency and low maintenance and perfectly integrated into the

DMX network (communication protocol for professional lighting equipment), which allows for flexible and integrated management of the entire system.



ARQUILED

BRIGHT NEW FUTURE

Arquiled is a general LED lighting manufacturer, specializing 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.

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