



COSMO AV

FLAGLER MEMORIAL  
ISLAND

## **Flagler Monument: A Bright and Visible Landmark & A Night-time Showplace on Flagler Island**

**The main concept is to use participatory projection mapping in order to enhance and alter the appearance of the Flagler obelisk and four allegorical figures installed at the base.**

The creation is provided by the public contribution and represents the correlation between current American society and the symbolic and historical context of the monument. In order to enhance the historical legacy of the monument and tourist appeal, the project aims to provide an aesthetically attractive representation of Miami's Flagler Island.

For this purpose, we suggest a solution for adapting the monument to a new condition of use.

The project covers two phases :

- I. Distant view: Floodlight and projection mapping on the obelisk
- II. Close-Up view: Participatory projection mapping on the statues installed at the base

## A Brief Description of the Project

The Flagler Memorial consists of a 96-foot obelisk that is easily visible and recognizable from distance (e.g., from the boat tours of Biscayne Bay, as well as by those travelling on the Macarthur and Venetian Causeways).

On the other hand, the obelisk is surrounded by four carved allegorical figures representing prosperity, industry, education and the pioneer, which are installed at the base and are only visible from close by tourists visiting the island.

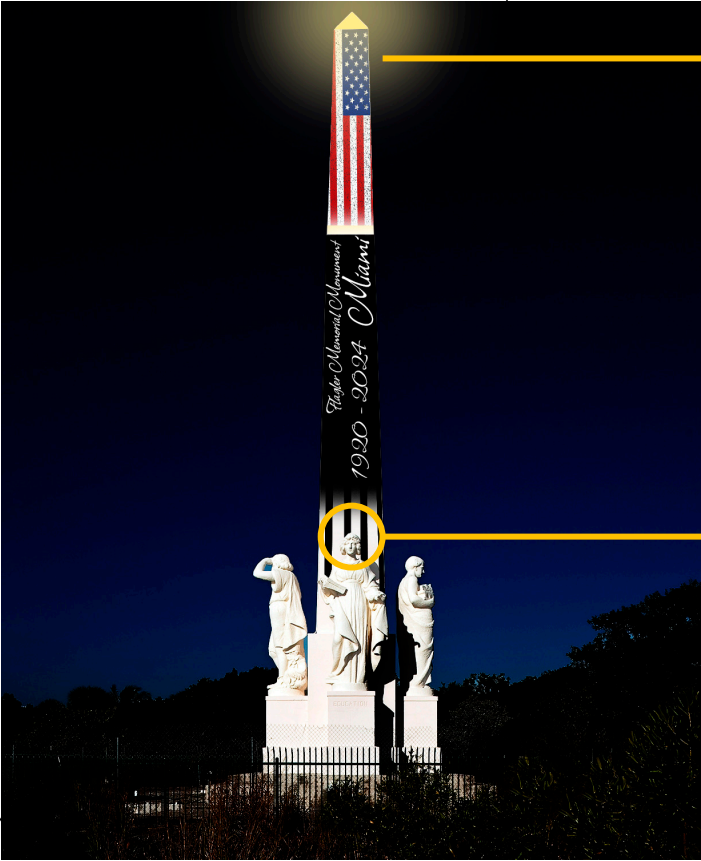
Indeed, it is a prominent landmark and also a tourist attraction. Taking into account these two different levels of visibility, we suggest taking advantage of two capacities of video mapping by illuminating the obelisk, presenting it as a bright landmark for the distant view and projecting a spectacular and video concept for the close-up view.

## I. Distant View: Projection Mapping on the Obelisk

I. The first part focuses on the obelisk as a bright and noticeable landmark visible at night from the distance.

II. The second part is to be installed on the island around the monument: Inspired by the historical context of the monument and in order to create an association with the tourist entertainment objective,

# Visual Concept: How does it work on two levels



Video projection on the obelisk

1. Visitors select their own photos via the application



2. Adding predefined and accessible visual elements in the application



3. The new character appears on the statue by video mapping



4. New characteristics disappear, and the statue returns to its original appearance



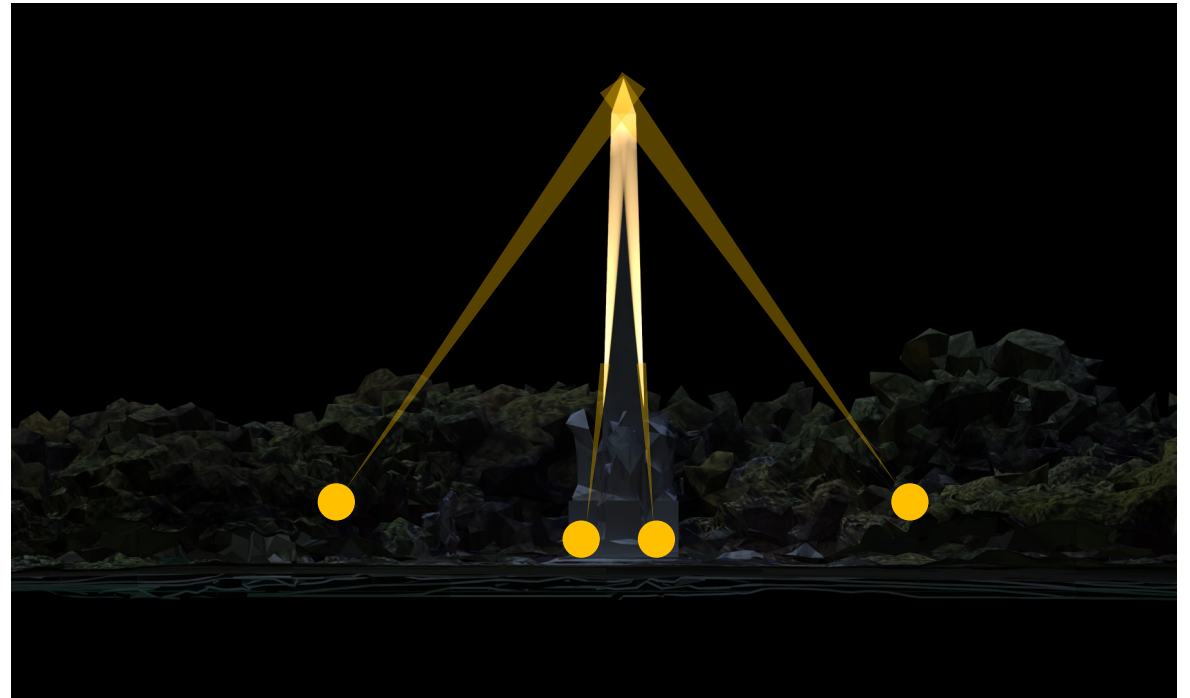


# Lights Gold - PLAN



● Led Light Gold

⚡ Light projection



# Lights Gold - views



Land view



Sea view

# Lights Gold



X 8 STANLEY LED Light Gold

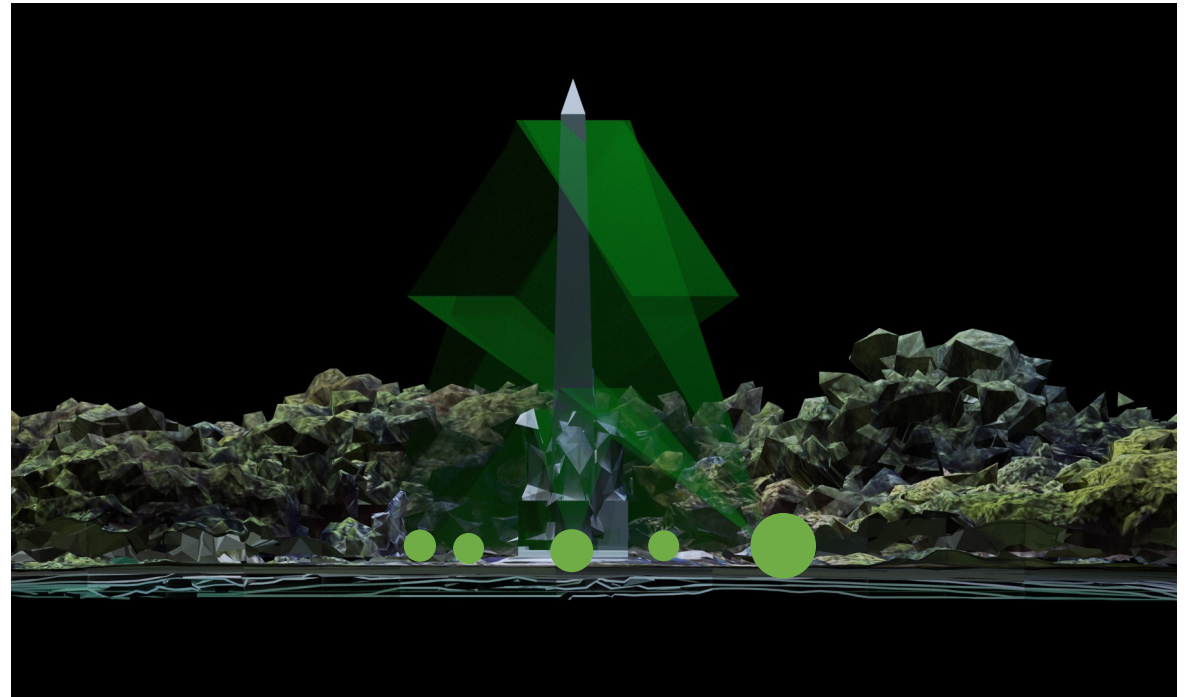
World's first golden LED  
floodlight

Ultra-narrow light  
distribution  
&  
Light distribution control

Heavy duty  
Waterproof & Dustproof



# Video Projection - PLAN



● Projector

▲ Light projection

# Video Projection - views



Land view



Sea view

# Video Projection



PANASONIC PT-MZ16K

OR

EPSON EB-PU2116

X 12

LENS  
4x 1.7/2.4  
4x 0.9/1.1

~180 LUX

Pixel size on statue :  
~4,50mm



## Environmental Protection Requirements

The priority of the project is to offer a new lighting method which is advantageous in both aesthetic and technical aspects.

The precision and quality of the installation ensure a high level of stability which is conceived to produce the desired luminance distribution and reduce the effect of current light pollution on the natural environment of the island. The light sources mask the areas outside the object in order to provide the absence of atmospheric light pollution effect and provide the restrictive environment protection requirements.

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