

Colasse lights the “71” set in Brussels



Context

71 is a TV game show presented by Jean-Michel Zecca that has featured on RTL TVI since 2003. It pits a single candidate against an audience of 70 people. The set for this daily show is regularly changed and updated.

The challenge: creating new lighting for the 71 set

Mr Lespagnard’s company Allegoric has worked with RTL TVI studios on various projects involving the installation of LED lighting on a wide range of sets. In September 2020, Allegoric was commissioned with updating the 71 set in Brussels. In concrete terms, this meant including light-emitting diodes (LEDs) in 4-metre-high trapezoidal elements. These coloured panels behind the contestant contribute to the game show’s lively, convivial atmosphere.

In television studios, the cameras shutters operate at a certain frequency. The LEDs in turn emit a frequency specific to the control interfaces that power them. If there is inappropriate interference between these two frequencies, the image may flicker. Furthermore, the difference between the actual colour of the set and the colour that will be perceived by the viewer via a screen has to be taken into account. There can be significant differences between them. Careful selection of LEDs and control interfaces is therefore necessary for optimal visual comfort.

Colasse proposes an ingenious, aesthetic solution

Colasse took up the challenge and proposed a comprehensive solution. A precise light intensity study was carried out to determine the type and amount of lighting required to optimize the light supply. Control interfaces were also chosen that were compatible with the application. The main criteria taken into account were the surface area of the light frame (4-metre-high panels), the site infrastructure, the volume of the space and the atmosphere present on the stage.

Colasse and Allegoric integrated RGB ribbons with new 3535 LEDs. Their power is 55% higher than that of a conventional 14.4W/m RGB LED ribbon with 19% higher power consumption. The uniformity of the LEDs' optical and electrical characteristics ensures an impeccable result in terms of light rendering.

An outstanding success

This installation has greatly contributed to the game show's entertaining, convivial atmosphere.

- The coloured panels frame the candidate. This reinforces the compartmentalization effect in relation to the audience they are competing against;
- The lighting from the panels is of **optimal intensity** and creates a **warm atmosphere**.

Pascal Lespagnard, Allegoric's founder, comments "Colasse is a key partner for this type of installation. It is essential to have total control of the lighting on TV sets. The right choice in this area can really make a difference. This is why we have been very happy to work with Colasse for more than 15 years. Their careful study of site configurations and development of tailor-made solutions bring significant added value to such projects."



About Allegoric

- founded in Oupeye (Visé) by Pascal Lespagnard
- specializes in lighting installations for television sets
- operates all over Belgium
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Creator of innovative lighting solutions

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