Colasse



CASE STUDY

Decorative lighting · TV sets

Custom RGB LED strips

Colasse lights the “71” set in Brussels

Together with Allegoric, Colasse integrated RGB LED strips into the 4-metre panels of the RTL TVI game show set.

4 m	+55 %	+19 %	15 yrs+
high trapezoidal light panels	more power than a conventional 14.4 W/m RGB strip	power consumption only for this gain	of partnership between Allegoric and Colasse

Context

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

The challenge: new lighting for the set

Allegoric, founded by Pascal Lespagnard, works with RTL TVI studios on many projects involving LED lighting integrated into sets. In September 2020, it was commissioned to update the 71 set in Brussels: LEDs had to be built into **4-metre-high trapezoidal elements** behind the contestant, which contribute to the show’s lively, convivial atmosphere.

In TV studios, camera shutters operate at a specific frequency, while LEDs emit at the frequency of their control interfaces. If the two interfere, the image may flicker. The difference between the actual colour of the set and the colour perceived by viewers on screen must also be taken into account. A **careful selection of LEDs and control interfaces** is therefore essential.



Colasse's solution

Colasse proposed a comprehensive solution. A **precise light intensity study** determined the type and amount of lighting required, and control interfaces suited to the application were selected. The main criteria were the surface of the light frame, the site infrastructure, the volume of the space and the atmosphere on stage.

Colasse and Allegoric integrated **RGB strips fitted with new 3535 LEDs**, 55 % more powerful than a conventional 14.4 W/m RGB strip for only 19 % more power consumption. The uniform optical and electrical characteristics of the LEDs ensure impeccable light rendering.

An outstanding result

The installation greatly contributes to the show's entertaining, convivial atmosphere:

- the light panels frame the contestant, reinforcing the sense of separation from the audience they compete against;
- their optimal intensity creates a warm atmosphere on set.

> Colasse is a key partner for this type of installation. It is essential to master the lighting on TV sets: the right choice in this area really makes a difference. This is why we have trusted Colasse for more than 15 years. Their careful study of site configurations and their tailor-made solutions bring significant added value to such projects.
>
> **Pascal Lespagnard**
> Founder of Allegoric

About Allegoric

- Founded in Oupeye (Visé, Belgium) by Pascal Lespagnard.
- Specialised in lighting installations for television sets.
- Operates throughout Belgium.

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Understanding your challenges is already securing your project.
Let's talk.

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