

CASES  
021

## Instant strike allows for different illumination scenarios during a game

# LED technology puts show elements in the spotlights

LED luminaires strike instantly, allowing venue operators to include brief show elements during games

illuminated by LED. These performers will truly attract all the attention and bring another element to attending a game. As a regular host to high-level basketball and tennis games, as well as other events. The RTL Spiroudome in Belgium, selected AAA-LUX LED illumination to ensure any event is illuminated according to the requirements will show elements can now easily be included.

LED luminaires have the advantage over conventional luminaires that they don't need to cool down before they can be switched on again. They strike instantly and can be, as such, switched on

"Today's Basketball is also a show; we needed superior-quality illumination . . . flexible and smart"

and off or dimmed as often as one likes. This doesn't affect the quality of the illumination or the lifespan of the luminaire. Most venues operators use this ability to reduce the total energy consumption. Being a regular host to basketball games, management

of the Spiroudome utilizes this in a more efficient way. "Today's Basketball is also a show. We need to entertain the public and make it a unique experience. That is why we gradually include show elements during the games such as music and cheerleaders and we expect from our illumination equipment to be able to follow that trend" says Martin Deliège, the Commercial Manager of the Spiroudome. In true American fashion, basketball games of Spirou Basket are combined with live entertainment. The RTL Spiroudome uses different luminaires and lightshows to highlight the performers. However, as each show only lasts for a few seconds, it is essential that lights for the game will be switched off and come on immediately when instructed to do so. "That is why we needed superior-quality

illumination with dimming options to enable various scenarios depending on the events," Deliège adds. The flexibility of the AAA-LUX LED luminaires, AAA-LUX partner Deltrian Lighting installed, ensure that each

"Venues no longer require two sets of luminaires to illuminate either game action or a performer"

event is instantly illuminated and according to the illumination requirements. "Thanks to the flexibility of the illumination and multiple scenarios we can select, we can adapt the intensity of light to the activity that is taking place."

### Show integration possible

The AAA-LUX luminaires at the RTL Spiroudome are used to illuminate both games of Spirou Basket as well as Davis Cup tennis games. "Spirou Basket is one of the top teams in Professional Basketball in

Belgium and there are a lot of conditions we have to respect in terms of TV registration. Broadcasters always emphasize possible shadows that can appear and the uniformity of the illumination required," Deliège continues. "We also host punctual events such as the Davis Cup which requires Lux levels of up to 2.000 Lux." The AAA-LUX LED luminaires at the RTL Spiroudome are switched off or dimmed at the push of a button, allowing the performers and their own lightshow to electrify the stands. "Should the RTL Spiroudome have connected the AAA-LUX LED luminaires to their DMX-system, it would be possible to integrate the LED luminaires in these shows too," says Michel van Dooren of AAA-LUX. "The luminaires react instantly to any command they receive and the technology allows for using the luminaires at any intensity." This certainly could save a lot of weight and technology being installed in venues. "Thanks to the LED technology venues no longer require two sets of luminaires to illuminate either game action or a performer placed in the centre circle. AAA-LUX LED technology certainly doesn't know any limits."



## RTL Spiroudome

The RTL Spiroudome in Charloi, Belgium, is the main indoor arena in Belgium. The RTL Spiroudome is the home ground for Spirou Basketball. In 2017 the arena also hosted the Davis Cup World Group Quarterfinal between Belgium and Italy. Apart from sports events, the RTL Spiroudome also regularly hosts concerts, gala dinners and other events.

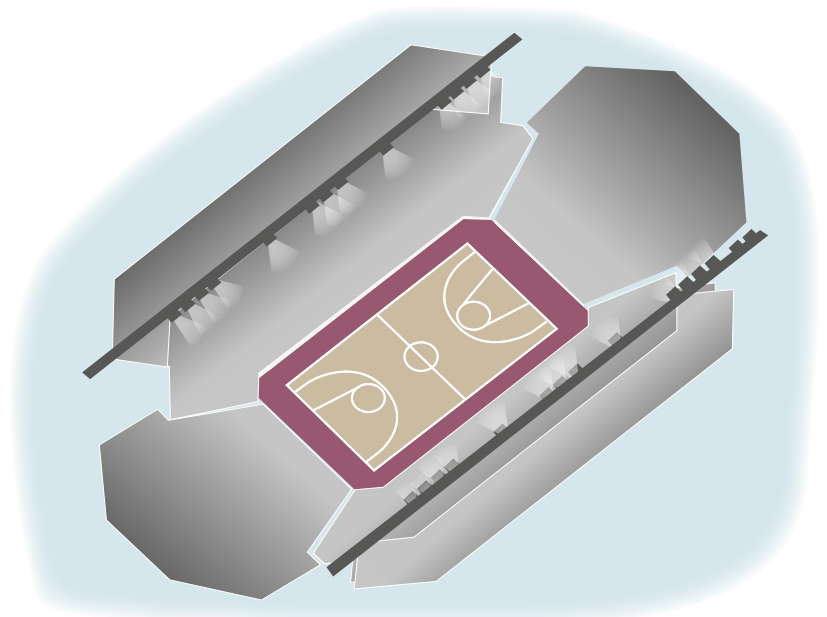


## Installation details

### Light plan

RTL Spiroudome BE

- Indoor stadium:
- Home of Spirou Basketball
  - Davis Cup Tennis
  - Fed Cup Tennis



### Led Luminaires used



26 x **WS 250 WS 200**

Illumination quality:  
Horizontal (max) 2.250 lux, 0.9 - Vertical 1.500 lux, 0.6 (main camera)

More information:  
<http://www.aaa-lux-lighting.com/products/ws-serie-luminaires/>



### LCMS



**Switchbox**



**Touchscreen**

More information:  
<http://www.aaa-lux-lighting.com/products/lcms/>



### AAA-LUX project partner

Deltrian Lighting

