siteco

Spectacular lighting for events in your arena.

The more complex the questions are, the clearer the answer should be: **Light from SITECO. For all your arena's needs — now and into the future.**

Flexibility and individual lighting control

Lighting design needs to be exceptionally flexible with individual lighting control, DMX show lighting and the complete RGB+W colour spectrum — for the greatest emotions ever.

Perfect lighting technology for the perfect HD image

Don't wait. Get ready now for the coming 8K standard, featuring top color rendering and flicker-free images for slow motion.

Optimum glare control and minimal reflections

The best view for all spectators is the goal. Modern full cut-off technology must guarantee top viewing conditions from all seats.

Savings on operating costs

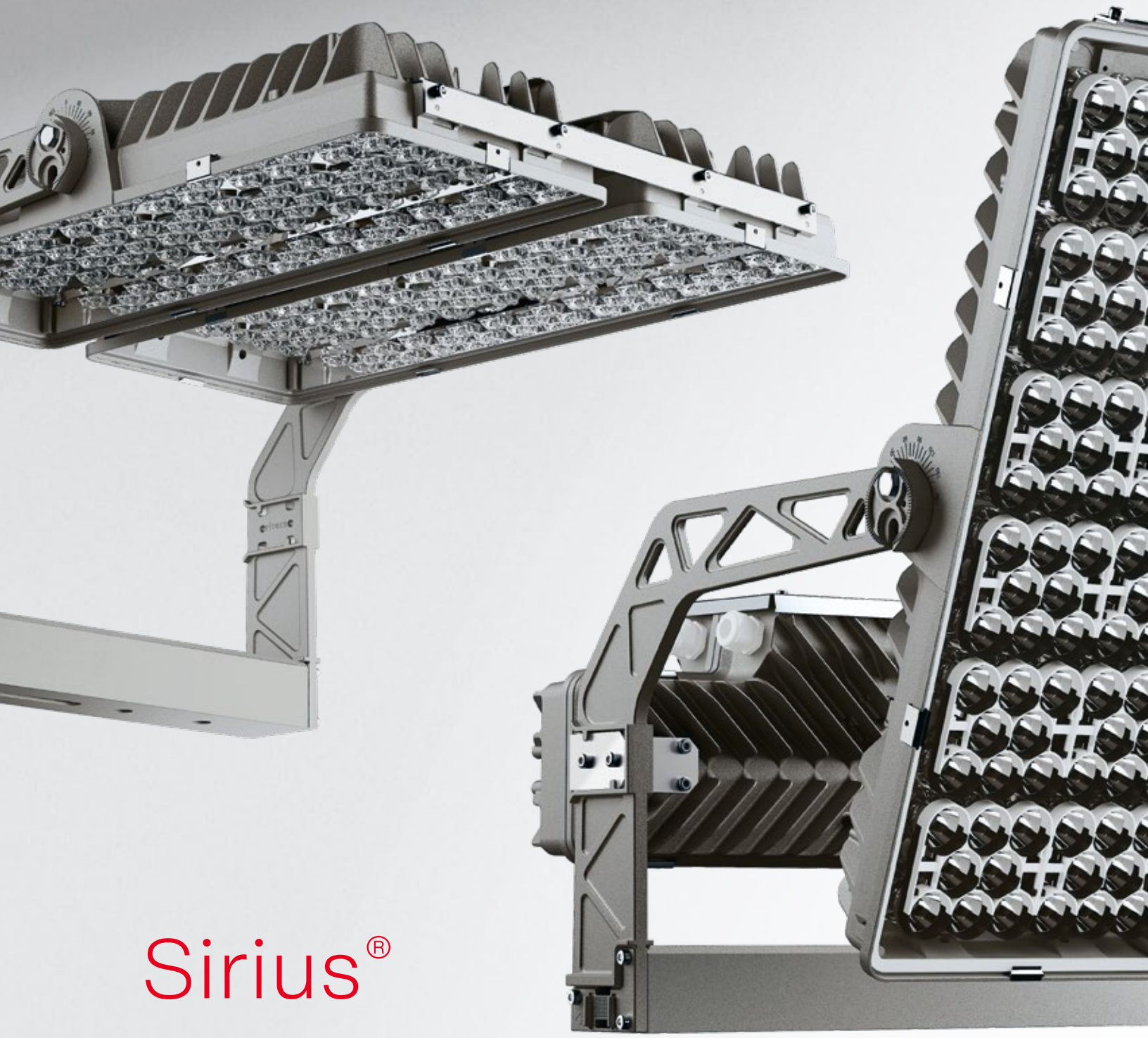
Ultimately, every euro counts. Operating costs need to sink. Investments need to ensure a quick payback and ideally pay for themselves.

Shrinking your CO_2 footprint

Conserving resources? A necessity. That's why tomorrow's arena saves so much — energy as well as CO_2. Sustainable concepts also ensure the circular economy truly works.

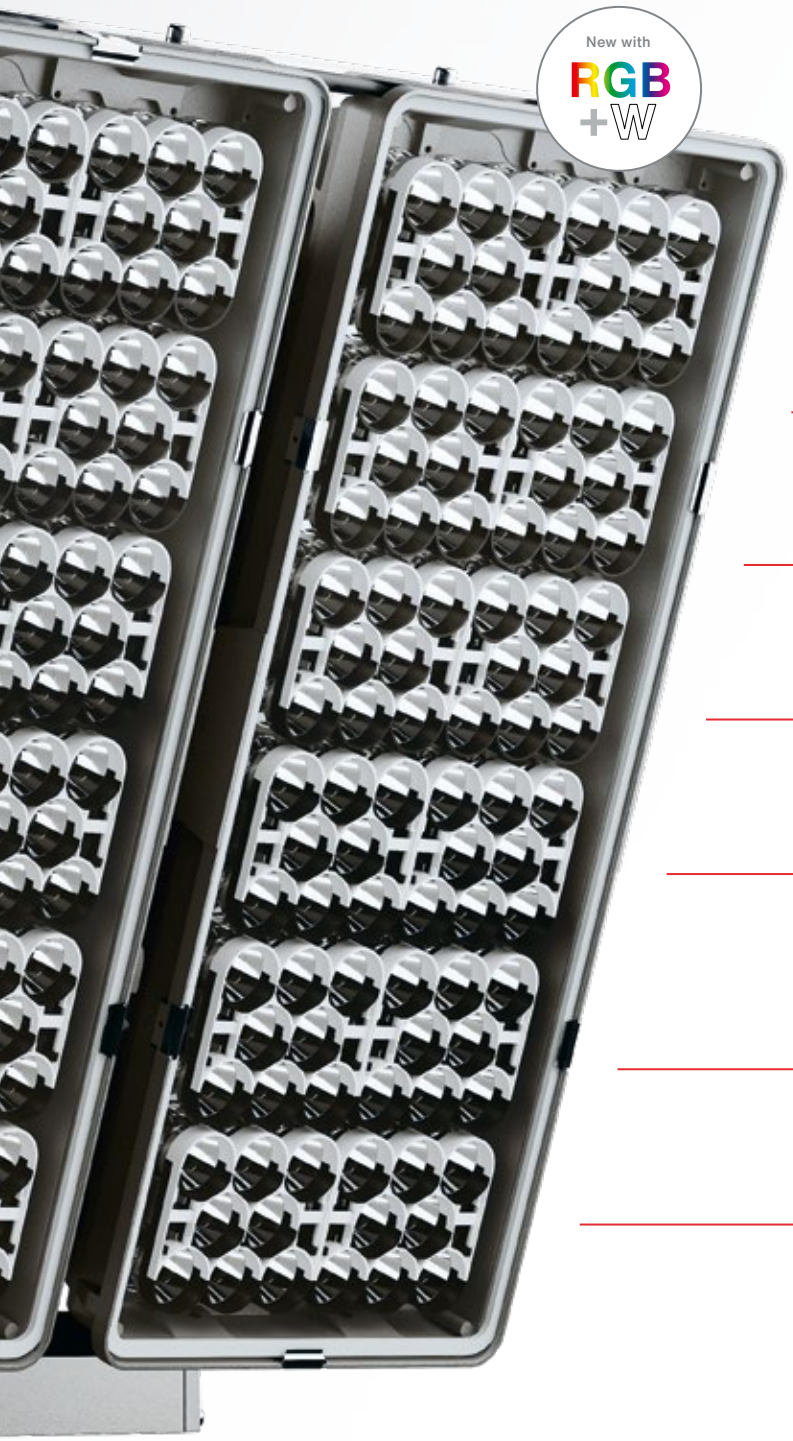
Inventory in view

Weight considered? The roof's construction is a critical element of an arena. Luminaires with optimal weight are in demand.

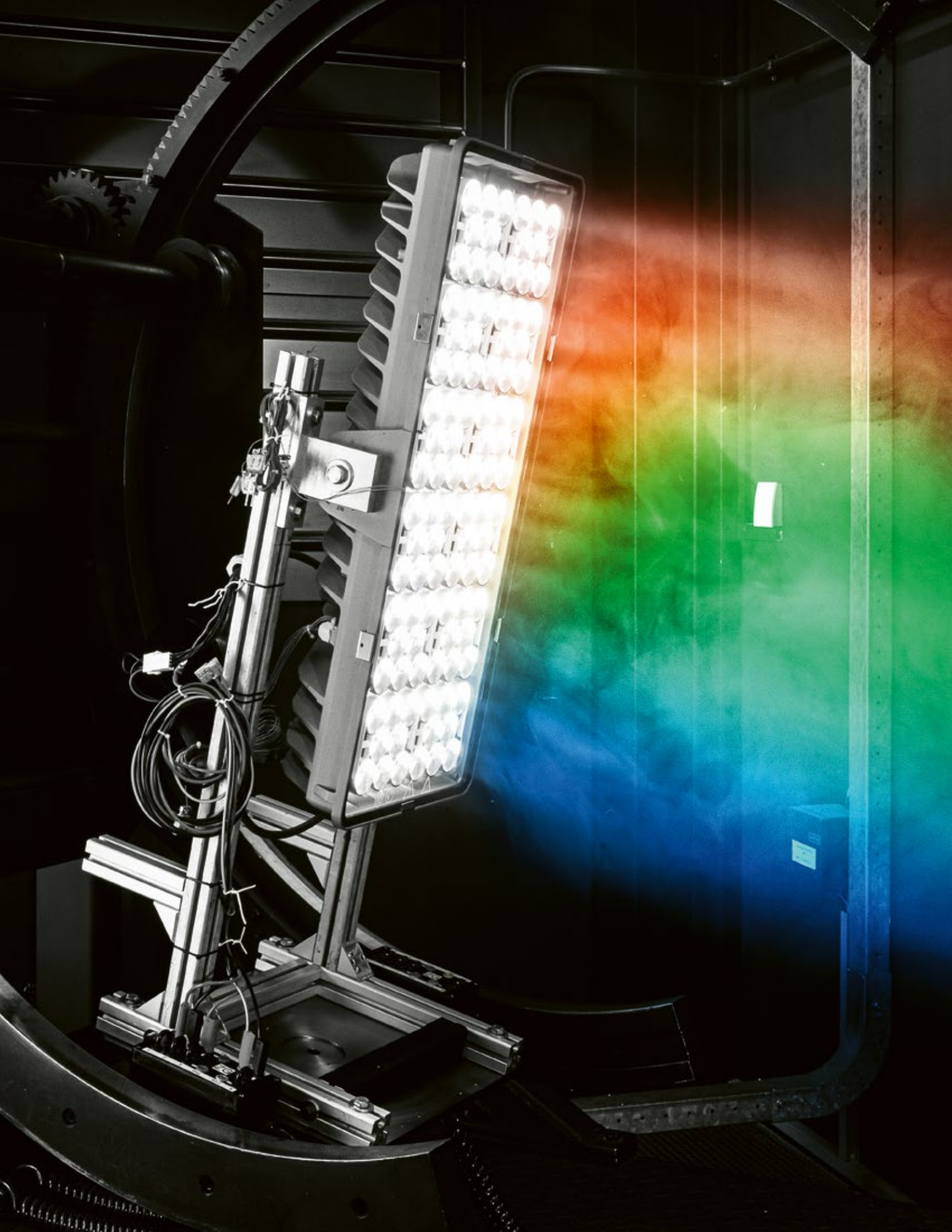


Sirius®

A dream of a floodlight.
A revolutionary floodlight system for sports and event lighting with unmatched performance, efficiency and light quality.



- Full Cut-Off technology for maximum glare control (UGR 10) and perfect visibility conditions
- Enormously powerful with up to 309,000 lm at simultaneously long life of up to 100,000 hours for low and predictable investment costs.
- Highly efficient thanks to silver reflectors with rotationally symmetrical light distribution for low energy consumption and low operating costs
- With TLCI value of 96 at 5,700 K for true-to-life color reproduction and minimal post-processing effort for broadcasters
- Modular driver system that can be mounted up to 150 m and whose ECGs enable separate controllability of the 4 LED modules – also via DALI / DMX
- Extremely robust with high vibration stability, impact resistance (IK10) and protection class (IP66) – also suitable for extreme conditions
- Asymmetrical glass lenses for a uniform illumination

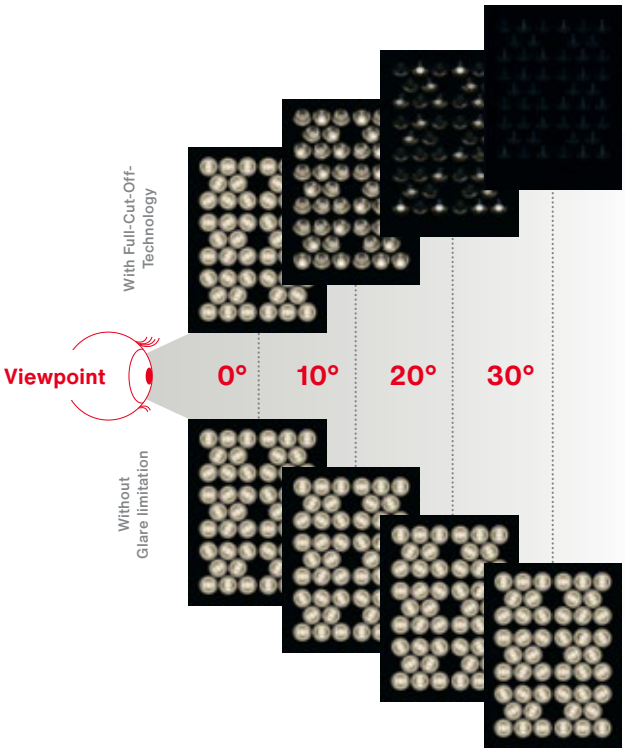


RGB+W brings together the best of two worlds: colourful show lighting full of emotion and standard-compliant, glare-free light for top sporting performances.

Events are colourful. Lights, too.

The moment when history is made. The scene that decides everything. The moment when spectators become one cheering sea. Event planning goes so far beyond technology and precision. And this applies to the right arena lighting, too. Sirius® turns your events into happenings. As a floodlight in a class of its own, Sirius® can bring stadiums to pulsating crescendos with integrated DMX control or follow rolling waves — now also in colour. Colourful light to create magical moments and goose bumps all the way up to the last row of spectators.
RGB+W unites the best of both worlds: colourful show lighting full of emotion and standard-compliant, glare-free light for exceptional athletic performances.

Optimal glare control and minimal refletions.



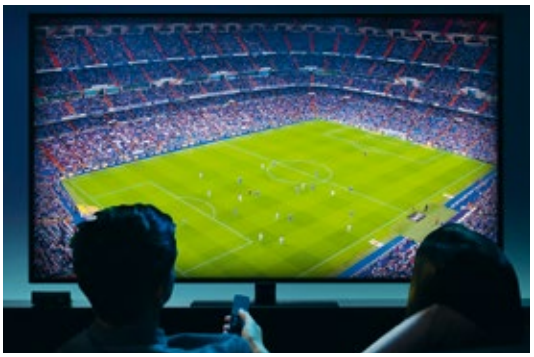
Our claim is: Best view – no matter from which place. Thanks to unique Full Cut-Off Technology events and shows now can be experienced from any seat at top viewing conditions. Completely without a sense of glare and with minimal reflections respectively without gloss-formation at the floor.

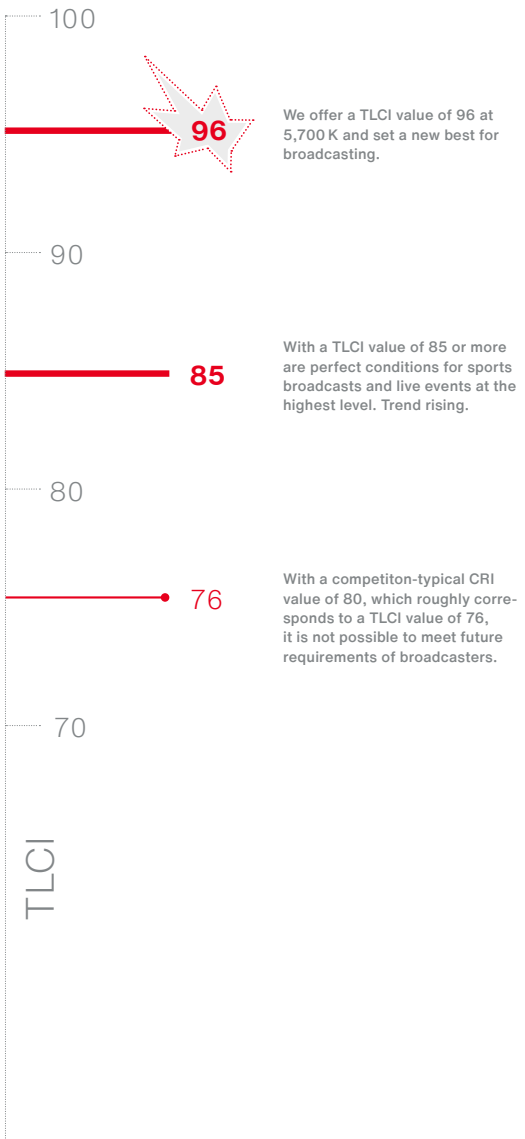
- Thanks to perfect light bundling no stray light is produced.
- The effect is immense: Without latent disturbing stray light the spectators experience the action on the playing field even more direct, sharper and colorful.
- Other manufacturers do not install glare limitation. The result: The light source is clearly visible from any angle and causes a lower visual comfort.

The perfect light technology for the perfect 8K image.

Many competitors argue at their lighting technology with a CRI color index from the 1960s. But in today´s digital broadcasting world is by far no longer sufficient.

We are guided by the forward-looking Standard Television Light Consistency Index (TLCI) – and are Best in Class. Why? Instead of measuring against 8 reference colors we measure against 24 colors – the definition of the colour reproduction becomes a multiple more precise. With outstanding colour reproduction and flicker-free, we are already today well equipped for the upcoming 8K standard.





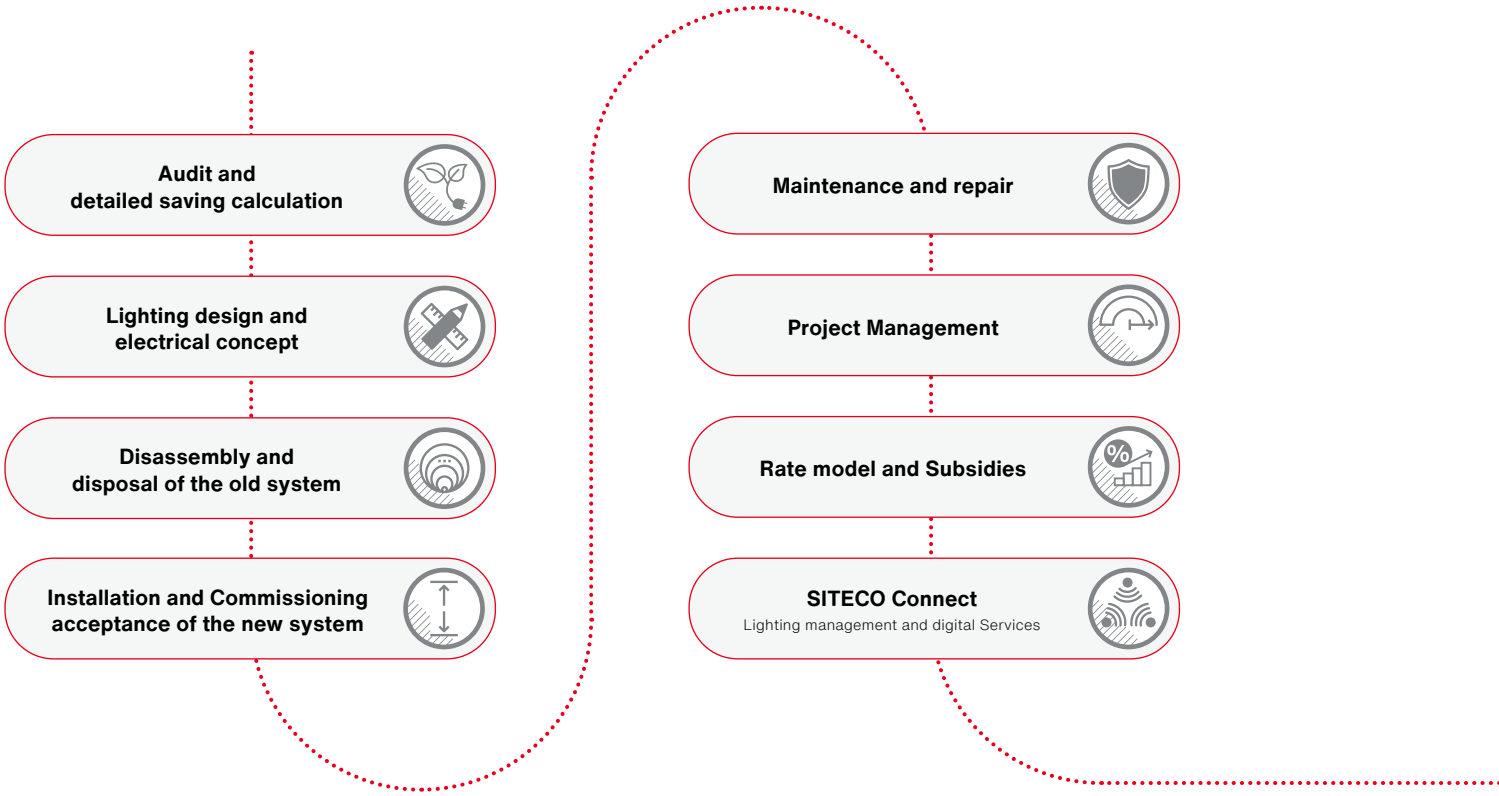
NOVARTIS
SIXTYSEVEN 67 SPORTSBAR
WÜTHRICH
IMMOBILIEN

Project example Ice hockey
Bossard Arena, Switzerland

When the sport is this fast, its athletes really need great lighting to perform their best. And this is exactly what SITECO is now providing in Bossard Arena, the city of Zug's ice hockey stadium. With its various ceiling heights and slopes as well as a central video cube, the roof construction proved to be a particular challenge. But 50 Sirius® floodlights now ensure not only brighter, flicker-free illumination of the arena for TV broadcasts, but also even, glare-free lighting — important criteria considering the highly reflective ice.

SITECO Services

All-round carefree with a strong partner network.



With our service model, you get turnkey solutions from one source –
from the planning, to the installation to to maintenance and financing.
You have the choice: from pure lighting to the "all round carefree package".

SITECO is planning and development partner for your lighting solution.

Contact.

Siteco GmbH
Georg-Simon-Ohm-Str. 50
83301 Traunreut, Germany
Tel. +49 8669 330
sports@siteco.com

Technical Support
Tel. +49 8669 338 44
technicalsupport@siteco.com

siteco.com

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