

TERA 2.0 SMART ARENA

Smart Arena, developed and produced by the Austrian company soft-LED System, is an intelligent and flexible new LED-floodlight for large area lighting. The unique combination between proven reflector technique and high-performance LED-point light sources allows high lumen-output and perfect uniformity without light scatter or glare.

The results of an official photometry test carried out in a recent project - a soccer and American Football pitch in Austria - show a ratio of uniformity of illuminance G1 (min/medium) of 0.85 and a ratio of uniformity of illuminance G2 (min/max) 0.75. No other stadium in Austria will outmatch the new lighting in this respect.

Due to the different requirements of projects any optic between 10° and 120° can be chosen. This means high flexibility for planners of sport and event facilities as nearly any lighting requirements can be met.

Smart Arena is completely flickerfree and meets all standards for modern TV-technique as HD, UHD/4k and super slow motion. Colour Rendering Index amounts to Ra 97 and Television Lighting Consistency Index (TLC) scores with 95. There are two dimming solutions available: DMX/RDM - dimming smoothly and zero flicker - and switch dimming offering up to five dimming scenarios programmed individually due to customers' needs where no extra cabling is necessary.

Smart Arena is elegant, compact in size and it's smart - as controlled by microprocessors any requirement and standards needed by the customer will be implemented: active heat management, daylight control or integration into event lighting system.

www.smart-arena.com

