

ILLUMINATING HERITAGE



Singapore Badminton Arena

Nestled along Guillemard Road, The Singapore Badminton Arena stands as a testament to Singapore's rich sporting heritage. Originally constructed to host the prestigious Thomas Cup in 1952, this historic venue has witnessed countless memorable moments in badminton history and beyond. Today, rejuvenated and rebranded, it continues to serve as a hub for badminton enthusiasts and a beacon for the local sporting community.



Image: (Singapore Badminton Arena, n.d)

Heritage Revived

The Singapore Badminton Arena, carries with it a storied past. Built in anticipation of the 1952 Thomas Cup, it was envisioned as a state-of-the-art facility, boasting four parquet-floored courts and a seating capacity of over 7,000. While the inaugural tournament didn't grace its halls, subsequent editions in 1955 and 1958 found a home within its iconic walls. Over the years, it morphed into more than just a badminton venue, hosting diverse events ranging from sporting matches to political milestones. Its significance was recognized upon its designation as a historic site by the National Heritage Board in 1999.



In its latest avatar as The Singapore Badminton Arena, it has undergone a remarkable transformation. With a comprehensive refurbishment, it now boasts 12 state-of-the-art badminton courts and a spectator capacity of 1,300. It aspires to nurture local talent through the Badminton Promotion Centre (BPC) and foster community engagement via the Singapore Badminton League. Central to this revitalization was the need for impeccable lighting that not only met functional requirements but also enhanced the overall experience for players and spectators alike.

Embracing Heritage, Enhancing Experience

NVC Lighting, a leading global provider of professional lighting solutions, entrusted with illuminating The Singapore Badminton Arena to perfection. Collaborating closely with the stakeholders of the Singapore Badminton Association (SBA), NVC Lighting embarked on a journey to seamlessly blend modern lighting technology with the heritage charm of the venue **using high-bay lights.**

Navigating the intricacies of refurbishing a historic venue presented numerous challenges. However, NVC Lighting leveraged on their expertise and delivered tailored solutions that complemented the unique characteristics of the Arena.

One of the primary challenges involved accommodating the venue's high ceiling height while ensuring optimal lighting conditions for both players and spectators. NVC Lighting proposed a range of high bay light models specifically tailored to meet the venue's requirements. Multiple meticulous simulations and analysis, enabled precise placement of lighting fixtures to achieve optimal illumination without compromising on energy efficiency or visual comfort.



Innovation in Action: Enhancing the Spectator Experience



NVC Lighting ensured compliance and reliability by meeting strict UGR and high ceiling standards. They collaborated with trusted suppliers to install remote-controlled motorized lifters for easy light maintenance, addressing challenges posed by the arena's height.

To balance illumination in the spectator area and playing courts, NVC introduced indirect lighting methods. By strategically positioning **high-power floodlights** on the ceiling, they achieved uniform illumination, eliminating glare and improving ambiance. Collaboration with a lighting control system provider enabled the integration of a flexible 1-10V KNX dimming system, offering clients versatile light adjustment for different events and preferences.

Seamless Execution, Lasting Impact

NVC Lighting's meticulous planning, innovative design, and seamless execution left a lasting impact on the newly refurbished Singapore Badminton Arena. Their commitment to excellence preserved its historic charm while infusing it with renewed vitality.

NVC Lighting's role in The Singapore Badminton Arena's history stands as a testament to collaboration, innovation, and dedication. NVC have enhanced the spectator experience and paved the way for future sporting greatness in this iconic venue.

