The 2010 FIFA Soccer World Cup, South Africa’s most prominent international event ever, has resulted in a number of infrastructure developments in which BEKA (Pty) Ltd, a member of the Schréder Group, has been chosen to supply unique lighting solutions.

Introduction

The brochure features a selection of lighting solutions, created for these iconic constructions.

DURBAN: Moses Mabhida Stadium

The Moses Mabhida Stadium in Durban possesses a unique and magnificent architectural feature - a monumental arch symbolising a united nation. The arch spans across the entire stadium and measures 506m at its highest point.

The project required the lighting of the arch with dynamically controlled white light, to allow for various lighting effects to amaze the visitors and residents of Durban.

BEKA’s solution, a locally developed and manufactured LED floodlight, the BEKA LEDbeam, was chosen by the professional team. The DMX-controlled BEKA LEDbeam, mounted along the top edge of the arch, provided the optimum solution for illuminating this expansive façade.

Incorporating over 14,000 LED’s, this project represented the largest LED project in the southern hemisphere.
Approximately 2000 specially designed downlighters, of which the majority are part of the BEKA CUBO range, were installed within the stadium to provide a stunning lighting solution throughout the public areas.

BEKA’s HESTIA luminaire was chosen in various lamp configurations to provide the lighting of the stadium’s precinct, ensuring correct optic solutions per installation environment.

The HESTIA luminaire is installed on the access walkway from the beachfront and along Isiah Ntshangase Road, formerly known as Walter Gilbert Road. This product also features on the section of road in front of the stadium on Masabalala Yengwa Ave, formerly known as NMR Ave.
CAPE TOWN: Green Point Stadium

BEKA supplied the column luminaires, the BEKA BEACON, at the stadium entrances and stairs, welcoming and guiding patrons into the stadium.

The Green Point Stadium in Cape Town has embraced the natural wave elements of the adjacent Atlantic Ocean. This wave shape had to be subtly reflected in the stadium’s evening appearance. BEKA’s solution, a combination of LED luminaires which illuminate the compression ring and the wave form of the balustrade, was chosen by the professional team.
The surrounding municipal infrastructure features the HESTIA luminaire on spectacular curved poles, as well as the CITEA luminaire, enhancing the importance and visual appearance of these roads, as they serve as a visual guidance to the stadium.

PORT ELIZABETH: Nelson Mandela Bay Stadium

The Nelson Mandela Bay Stadium, resembling a sea shell, graces Port Elizabeth.
The elegant BEKA BEACON was installed at the main entrance of the stadium as well as the pedestrian walkways, which also feature the bollard luminaire, the BEKA TORCH.

For area lighting around the stadium, BEKA GRP Poles were installed together with the BEKAMAX, providing glare-free lighting of the perimeter area.

The BEKAMAX planar floodlight is installed to provide uplighting for the inner and outer concourse of the stadium.

The spectacular shell is also internally illuminated with the uplight version of the versatile BEKAMAX floodlight.

BEKA Products featured
- BEKAMAX-A - Planar floodlight
- BEKAMAX-W - Uplighter
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