Suita City Football Stadium is a football-only stadium that brings spectators into the action. Panasonic aimed for an environment that supported gameplay from both the hardware and software perspectives, with light distribution design using glare-reducing LED light sources, and spatial lighting design that evenly illuminates the field with high lighting intensity.

We also achieved facility solutions that take the environment and safety into account, including a solar power generator system and an evacuation guidance system.

Suita City Football Stadium

Client: Stadium Construction Fundraising Organization (Private organization managed by Gamba Osaka) Design / Construction: Takenaka Corporation Electric systems: Kinden Corporation
POINT-1

Glare reduction in the LED light source hardware.

Not only glare across the field, but also glare from looking up at light sources is reduced by minimizing overlapping beams that causes glare.

POINT-2

Software for lighting the field brightly and uniformly.

A lighting environment that facilitates play is created by controlling the locations, quantity and angles of more than 380 fixtures to light the entire field evenly at high illuminance of 1500 lx.

Other facility solutions

Photovoltaic power generation system
Solar power generation installed on the roof for a greener stadium reducing efficiently energy costs.

Evacuation guidance system
In order to evacuate tens of thousands of spectators safely if a disaster occurs unexpectedly.

Learn more

For more information about Panasonic’s case study, please visit our website.

http://panasonic.net/ecosolutions/lighting/solutions/

Other Job references featuring Panasonic’s Lighting Solutions

Tokyu Plaza Ginza  Narita International Airport – Terminal 2 Building  Byodo-in Museum Hoshokan  Suita City Football Stadium