

PROFESSIONAL LIGHTING DESIGN



Magazine for professional lighting design

MAIN TOPIC
Creative facade lighting

LIGHTING DESIGN
Flame Towers
in Baku/Azerbaijan

GoggleWorks Center
for the Arts in Reading/USA

The Province of Limburg's
government building/NL

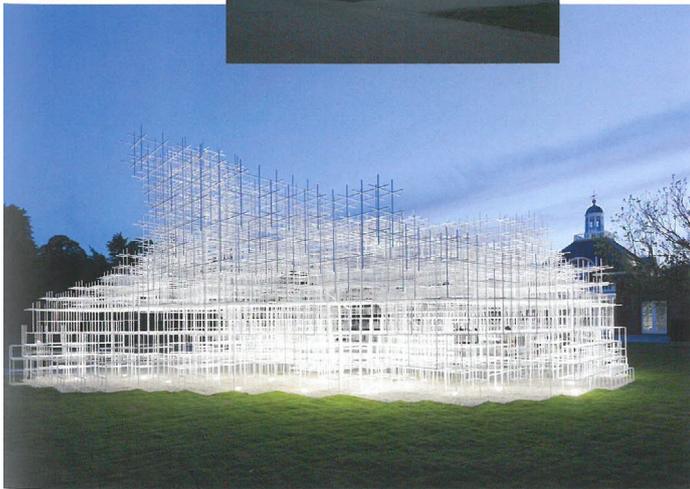
PRACTICAL ISSUES
The Rookery in Chicago/USA

LUMINAIRE DESIGN
Promenade in Niendorf/D

LIGHT ART
Mischa Kuball

PROFESSION
Legalising the profession

FAIR
Euroluca: an analysis for all
those who didn't make it ...



⇒ **Cloud-like**

Sou Fujimoto's Serpentine Gallery Pavilion in Hyde Park, London/UK.

The tradition of the Serpentine Gallery Pavilion began in 2000 when Zaha Hadid reinvented the idea of a temporary tent or marquee, that is to say pavilion, in front of the Serpentine Gallery. Since then a different architect has been invited every year to design a Pavilion for the Hyde Park location. The main criterion is that the structure must be sympathetic to the surrounding landscape.

This year Japanese architect Sou Fujimoto is the one to create the harmonious constellation of architecture and nature. He is not only the youngest of all architects invited so far – the structure he has designed is also quite different from the rest, since its form, alignment and the way it is illuminated is as disconnected as it is interwoven. The cloud-like latticed structure of white 20-millimetre steel poles occupies some 350 square-metres of lawn in front of the Serpentine Gallery – a conglomeration of geometric lines that sometimes appear to create a clear impression and other times are no more than a blur. This effect is amplified at dusk when the structure is lit using fixtures equipped with warm white LEDs or metal halide lamps. Inground three-watt LED luminaires with frosted diffusers are installed around the "geometric cloud". These are practically invisible in the daytime, but swathe the large but elegant structure in soft light after dark. The luminaires are deployed evenly beneath the tubular steel structure, leaving the central part of the pavilion free. The 66 luminaires are divided into groups of 18; each group can be individually controlled to offer different lighting scenarios.

Project team:

Architect: Sou Fujimoto, Tokio/J

Lighting design: AECOM, London/UK

Photos: Iwan Baan

Products applied: Viabizzuno