

ARENA

Helvar



Heydar Aliyev Centre

Baku, Azerbaijan

Project Background

The Heydar Aliyev Centre located in Baku covers an area of 619,000 square feet, designed by Iraqi-British architect Zaha Hadid who is renowned for her distinctive architectural flow and curved style that abstains from using sharp angles. Language, history and culture have been the building blocks for the design of this centre which has been host to a number of art exhibitions, international conferences, concerts and forums.

The auditorium required very low level, flicker-free lighting. Helvar was able to mitigate any potential flickering of the energy efficient LEDs, when used at low level, by upgrading the driver software and employing its own lighting control equipment. This welcome intervention has resulted in a flicker-free, low light level lighting scene for the auditorium.

What did the customer say?

Rob Honeywill, Managing Director of London lighting consultant, Maurice Brill Lighting Design (MBLD) said:

"We needed to bond light with architecture and respond to the vast and complex three-dimensional geometry for the interior and exterior forms. We tried to underscore the core architectural sculptural narrative to capture a fluid expression where the boundaries of light and architecture blurred and a far more organic result is created".

Helvar meets the needs

MBLD designed a lighting solution which Helvar complimented with their energy efficient lighting control system. The Heydar Aliyev Centre is able to control and monitor the efficiency of their lighting systems whilst enhancing the users experience by simple programming for various events and locations throughout the centres exterior and interior.

"The lighting responds to the constantly varying 3D geometry and is aimed at expressing the sculptural quality of the building," said Aniket Gore, Associate at MBLD and Project Lighting Designer. "Innovative lighting details discreetly integrated within the building fabric graze the surface of the expansive lobby that connects all the main spaces, modelling the skin and providing indirect lighting".

"We are extremely proud to have been involved in this unique and magnificent project and the innovative lighting design employed at the Heydar Aliyev Centre," said Safak Koc, Managing Director of Helvar System Partner Elekon.

SOLUTIONS

Low level energy efficient LED lighting,
driver software , lighting control

PRODUCTS

24x Imagine 920 Routers

62x Modular Routers

250 x 458 Modules

Other Helvar Lighting Components