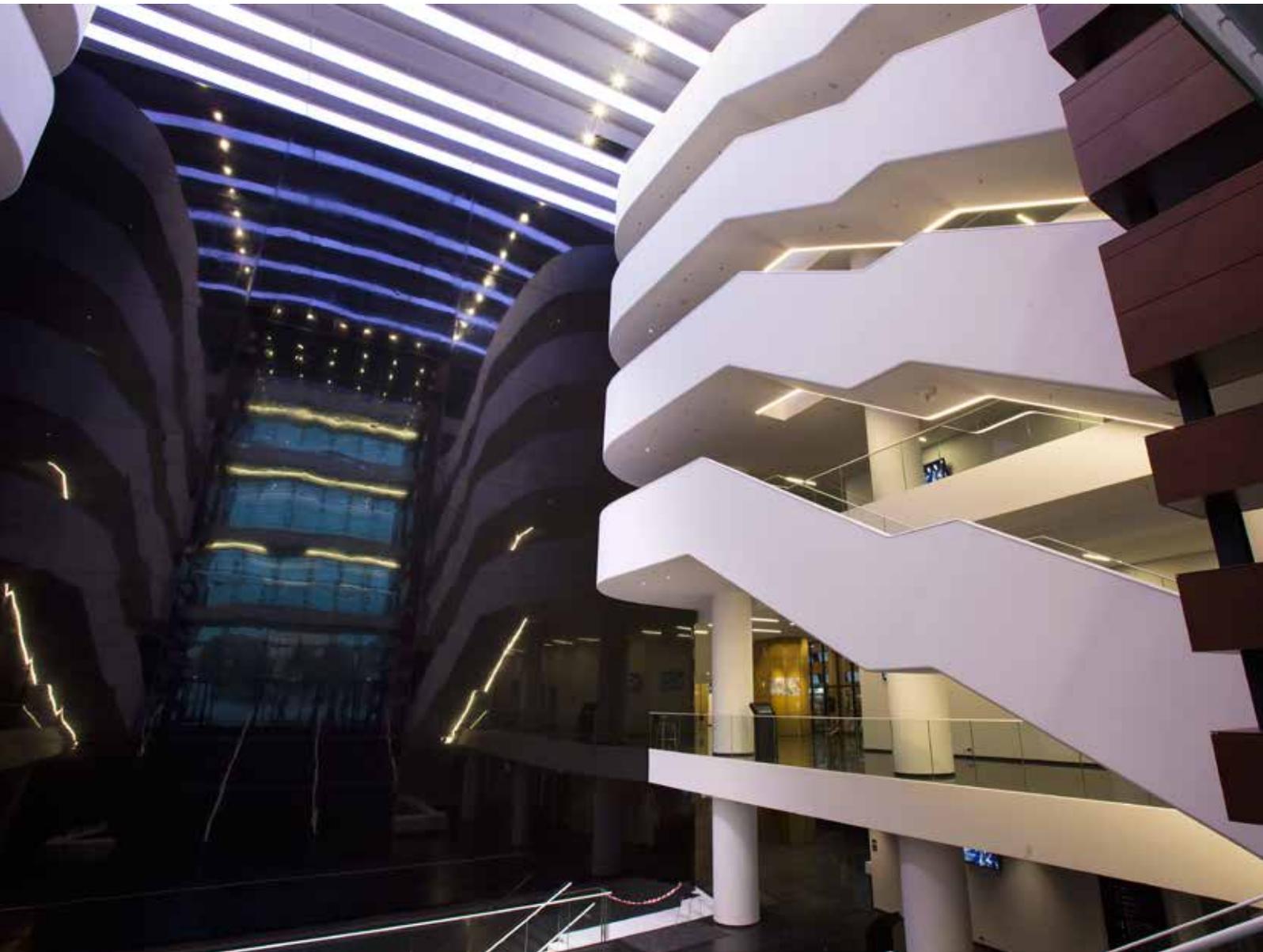




THE NATIONAL FORUM OF MUSIC :: WROCLAW :: POLAND

The National Forum of Music is a cultural institution which was founded on May 22, 2014 by combining the Witold Lutosławski Philharmonic in Wrocław and the International Festival Wroclavia Cantans. In order to achieve its goals at the highest possible level, it was necessary to procure suitable premises. Thus, the idea of building a new edifice for the National Forum of Music was born. This couldn't be just an ordinary concert hall, but a true cultural center which would be the perfect complement to some of the most beautiful music events.





➤ THE SITUATION

The new edifice of the National Forum of Music is a unique endeavor. It is the first musical facility of such splendor in Poland, and one of few such facilities in Europe. Located in the city centre, it is the largest institution of its type in Poland. In order to complete such an extensive project, the investor needed reliable, trusted partners who had already proved that they can handle such a huge undertaking. The building design contest was won by the Kuryłowicz & Associates Architecture Studio. Due to the fact that ES-SYSTEM repeatedly showcased its professional approach in a number of different projects completed with this firm, we were also hired as the lighting contractor.





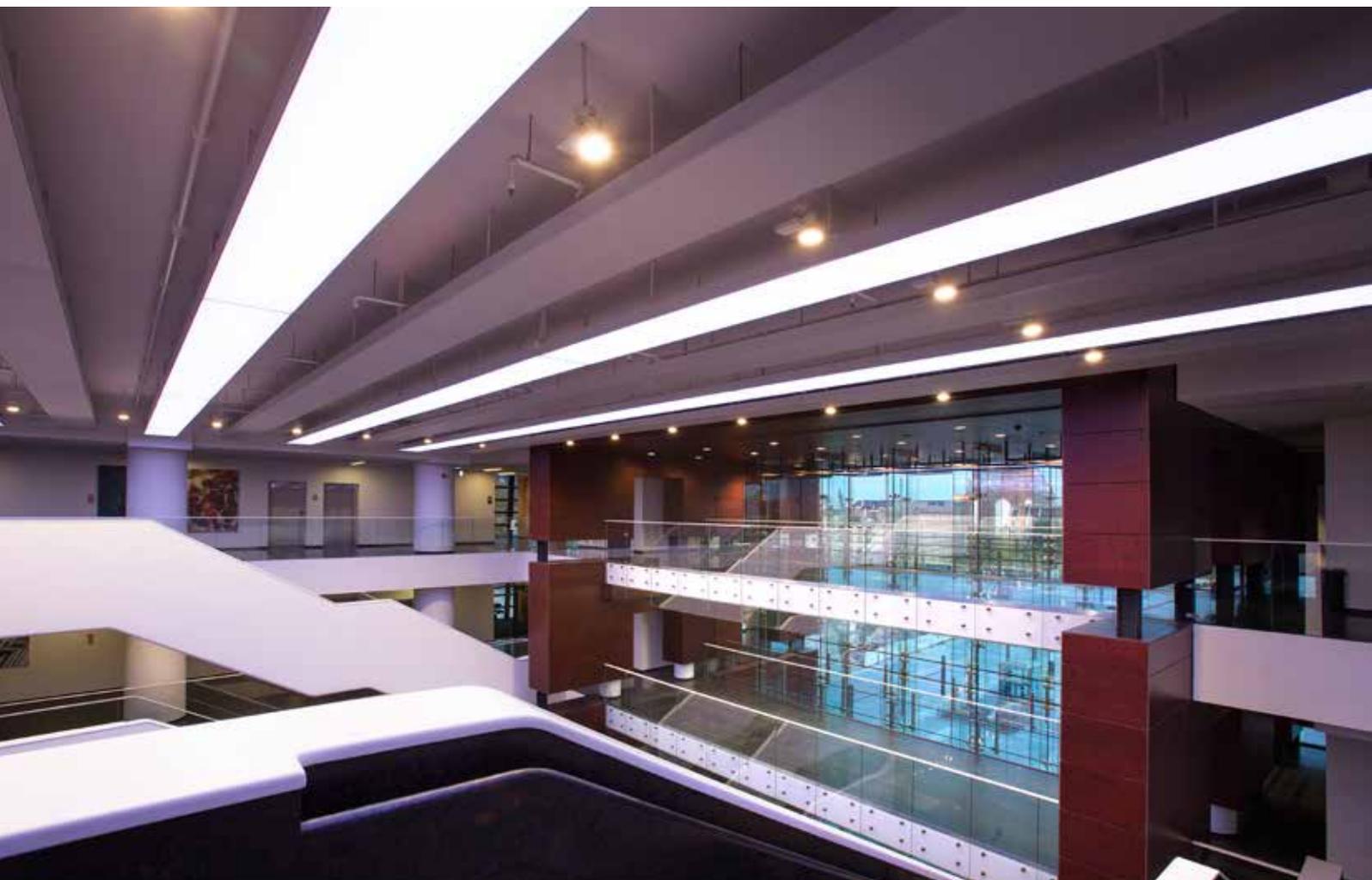
➤ THE CHALLENGE

The edifice of the National Forum of Music is the largest structure in Poland that is dedicated exclusively to music. The floor area of the main building covers 35 300 m². The building has 9 stories: 6 above the ground and 3 underground. In addition to four concert halls, the structure includes: offices and conference rooms, exhibition space, a recording studio, dining venues and a music store. The underground parking lot can hold about 700 vehicles. Creating the entire electrical installation and delivering luminaires to accommodate a building of that size was an undertaking of huge proportions, both in terms of design and logistics.

Another difficulty involved the acoustic requirements. Four concert halls in such a modern facility had to have truly extraordinary acoustics. The building's location in the heart of the city center - in close proximity to busy streets and tram lines - was an additional complication. The acoustics in the halls were devised

by the outstanding company Artec Consultants, Inc. from New York City. The building was designed so that no noise, sounds or vibrations could permeate into the concert hall interiors. Our luminaires also had to undergo detailed acoustic testing.

The final visual effect was also a very important aspect. The National Forum of Music was designed by the prominent Polish architect, Stefan Kuryłowicz. The unique foyer - where the Corian black harmonizes with white balconies - immediately creates an elegant and elevated ambience for the guests. Lighting is of crucial importance in creating the right atmosphere. It should focus the audience's attention, increase their willingness to experience sublime aesthetics, and at the same time subtly emphasize the exceptional architecture of the interiors.



› THE PROJECT

The construction of the edifice of the National Forum of Music began in 2009. The extraordinary project of the Kuryłowicz & Associates Architecture Studio was inspired by musical instruments. The building's shape and wood imitation façade is reminiscent of a cavity resonator for string instruments. The foyer impresses with its monumental character. The Corian black and the white balconies make the ambience of the interior truly dignified and ceremonious. A space that is so unique combined with the building's purpose demanded adequate lighting. We installed 7 674 lighting products throughout the entire facility. The applied S4000 and S6000 systems created special linear light structures which fit in perfectly with the shape of the space, giving it an exceptionally subtle contour. Using downlight luminaires allowed the precise illumination of the interiors.

A cultural institution that organizes concerts must also have an adequate and infallible emergency lighting system. We equipped the facility with 1468 emergency lighting products and a central battery to ensure system reliability. The escape routes are

illuminated with COBRA luminaires, which have different light distributions depending on where they are installed. The corridors leading to the emergency exits are furnished with VERSO and SCREEN directional luminaires. Their understated and subtle design suits the interiors of the National Forum of Music, and the appropriate illumination of the sign makes it visible from 30 m away.

The National Forum of Music is located in the Wrocław city center amid historic architecture. Because of this, the architects gave the edifice a reserved construction. The raw brown façade ideally suits the character of the Old Town and harmonizes with the surrounding historic landmarks. Therefore, the lighting needs to bring out the details of the building which emphasize its individual appeal and monumental nature. We used 32 products to complete the illumination lighting, including the RADO system.

The edifice of the National Forum of Music is a truly exceptional facility appreciated by juries in numerous building and architecture contests.



Number of interior
lighting products

7674

Number of emergency
lighting products

1468

Number of outdoor
lighting products

32



> PROJECT SUMMARY

Project name:	THE NATIONAL FORUM OF MUSIC
Client's business sector:	arts and culture
Location:	Wroclaw, Poland
Project starting date:	January 2013
Project completion date:	August 2015
Product:	7 674 interior lighting products, including System 4000, System 6000, COSMO; 1468 emergency lighting products, including COBRA, VERSO; 32 outdoor lighting products
Architect:	Kuryłowicz & Associates Architecture Studio

