QPRO. CREATIVE ENGINEERING

PROFESSIONAL PARTNER IMPLEMENTING SOLUTIONS IN THE FIELD OF LIGHTING AND AUTOMATION SYSTEMS

We speak equally good the language of architecture and the language of engineering. We consider all the details and features while creating high-quality, comfortable and aesthetically harmonious spaces for a person

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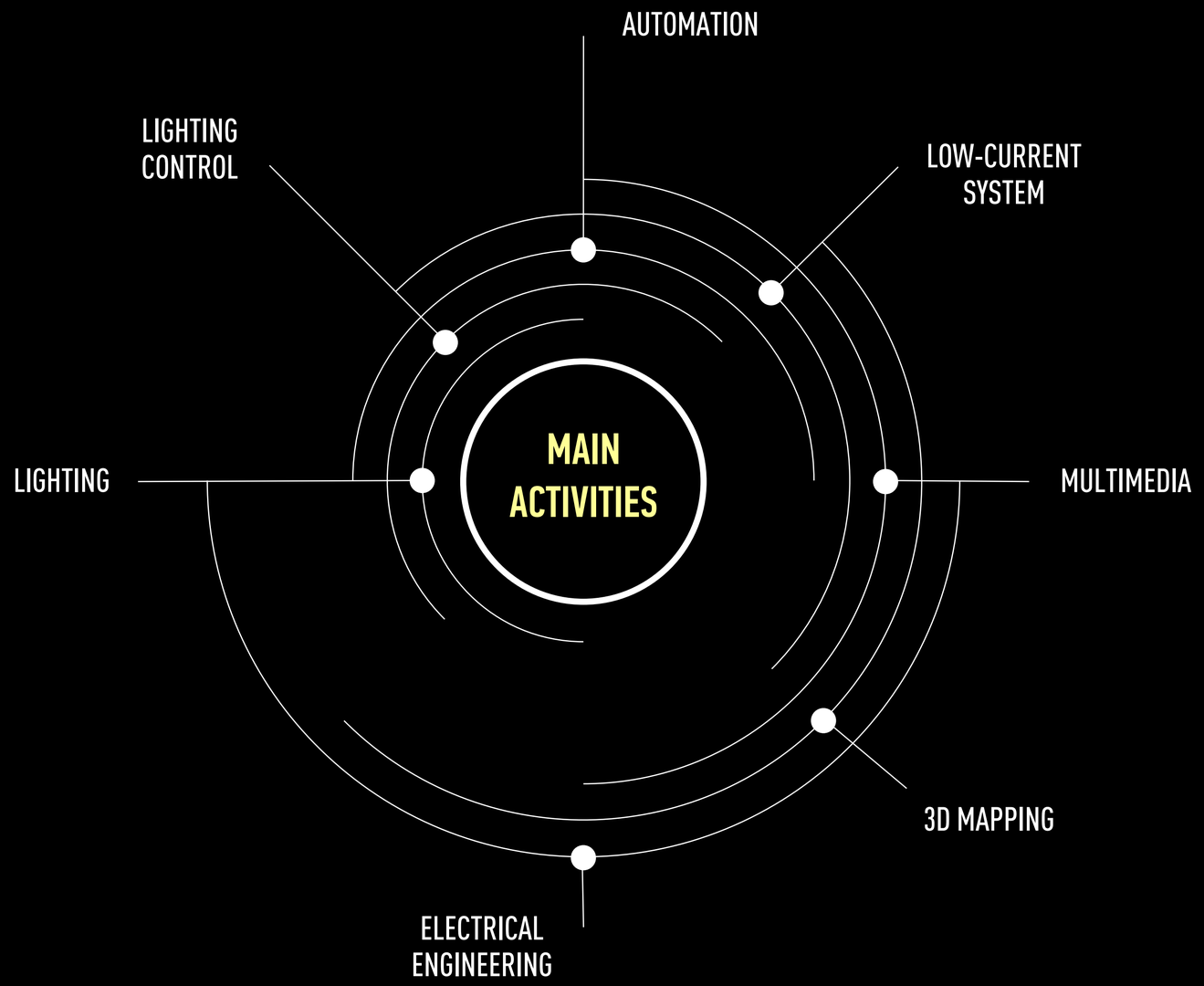


Creative skills

Technical attainments

QPRO. CREATIVE ENGINEERING
COMPANY SERVICES

CONCEPT CREATION

DOCUMENTATION DEVELOPMENT

EQUIPMENT MANUFACTURING

SUPERVISION INSTALLATION

SYSTEM PROGRAMMING

CONSULTING, SERVICE

LIGHTING - MULTIMEDIA - INTELLIGENT SYSTEMS

QPRO. CREATIVE ENGINEERING

2012
company year of foundation

100+
completed projects

PROJECT TYPES: BUILDINGS AND STRUCTURES, PARK TERRITORIES, EXPOSITION AREAS, PUBLIC SPACES, OFFICES, HOSPITALITY, RETAIL, URBAN APARTMENTS AND COUNTRY RESIDENCES.

GEOGRAPHY OF PROJECTS:

RUSSIA
ITALY
UAE
CHINA

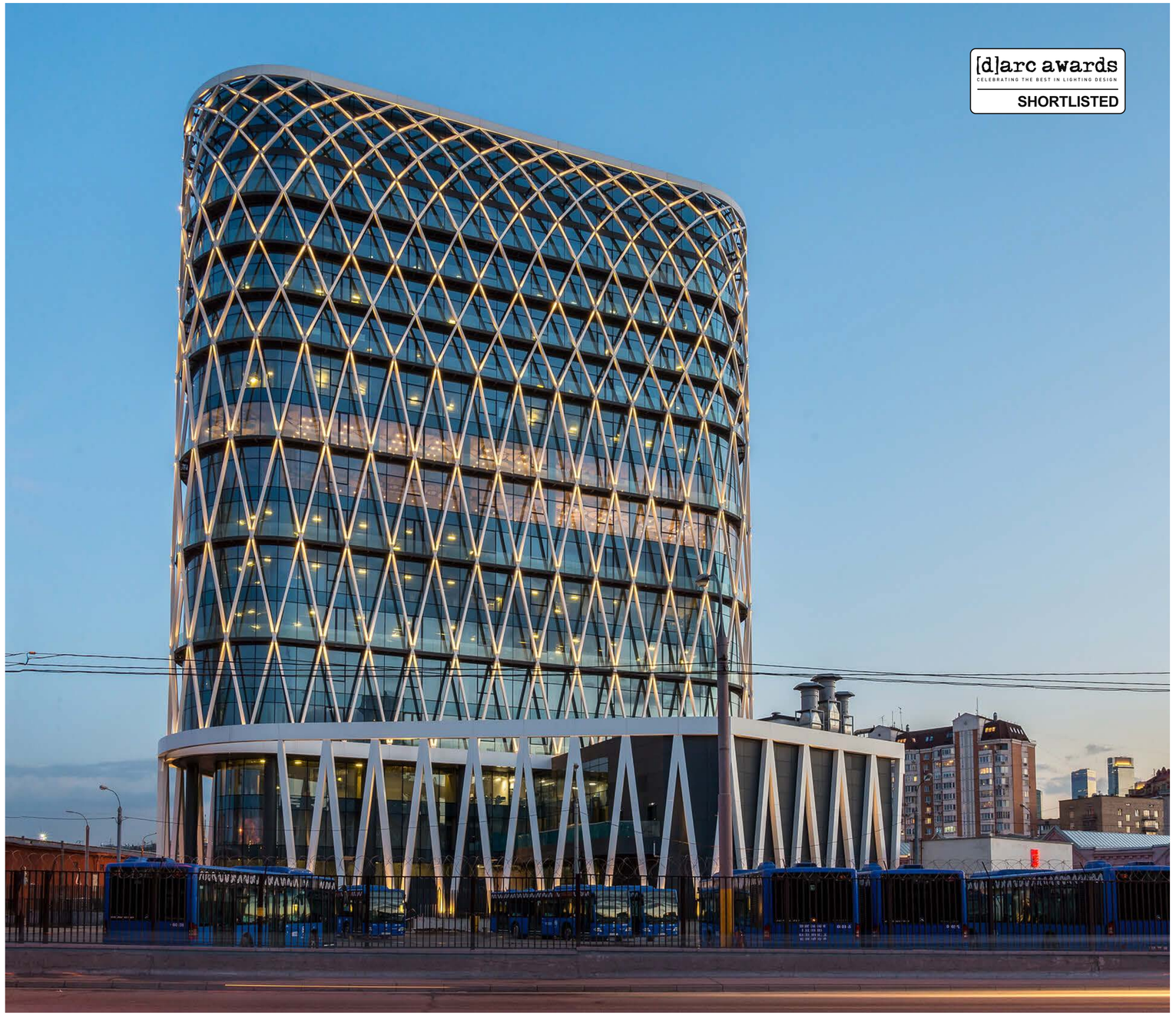
ARCHITECTURE AND LANDSCAPE

BUSINESS CENTER ZEMELNY

MOSCOW, 2021

The architectural image of the building is created by the openwork, mesh shell of the facades, used in the progressive architecture of the 21st century and referring to such an example of Soviet constructivism as the tower of engineer Shukhov. This openwork structure had to be enhansed with the help of light. This task was solved by using LED spotlights with narrow optics, placed at the crosshairs of a metal structure. The rays of light that outline the envelope are directed from top to bottom and from bottom to top. Narrow optics avoid side flare by emphasizing every section of the structure. Narrow optics and aiming lights help minimize the effect of light pollution, while architectural lighting does not interfere with pedestrians and people in the building.

Thanks to the lighting, the building at night is a single ensemble from the basement to the highest point.

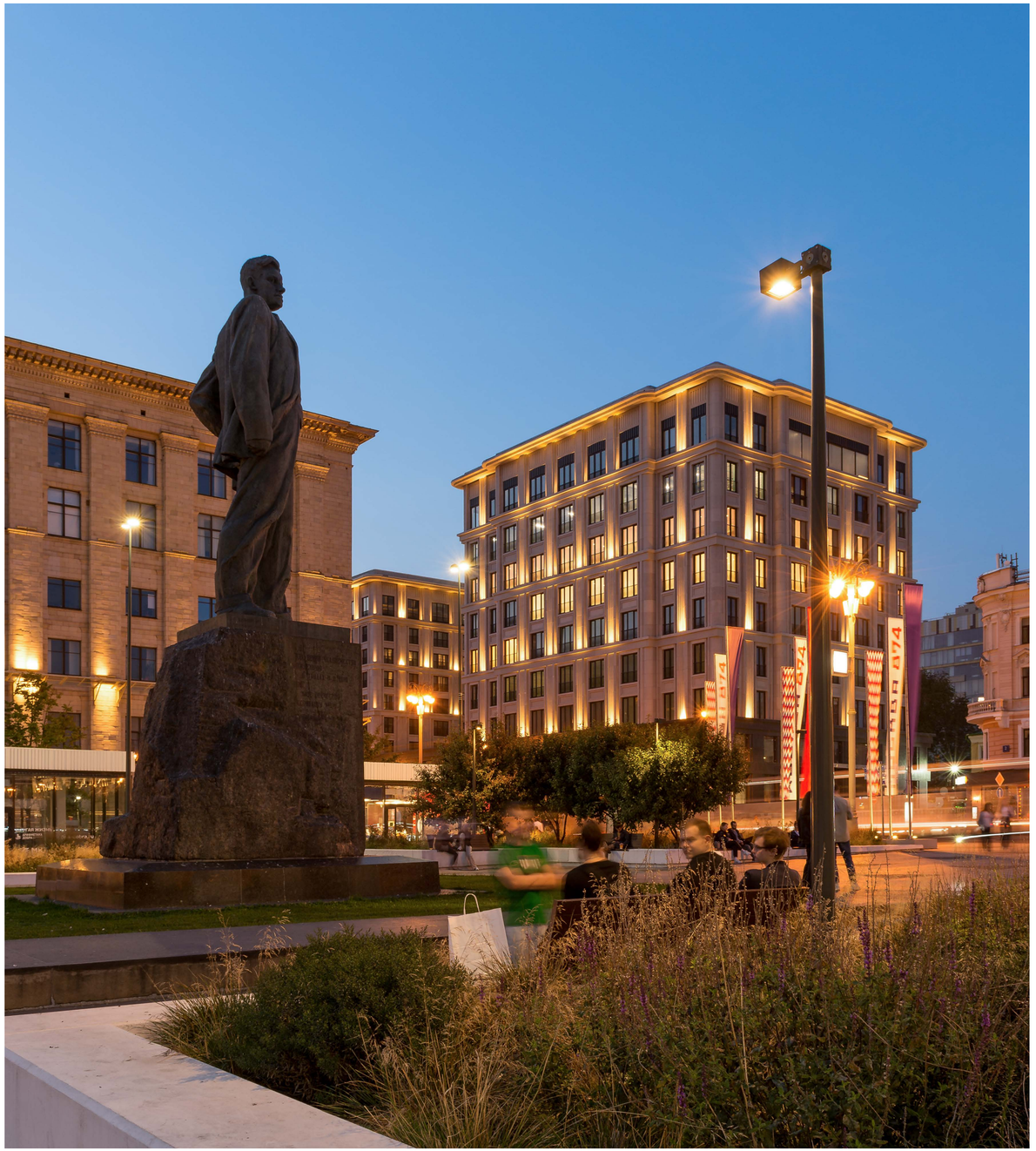


HOTEL AND RESIDENCE FAIRMONT TVERSKAYA
MOSCOW, 2023

A premium-class residential complex implies not only the visual beauty of the architectural solution, but also comfort at any time of the day. Therefore, when developing a lighting solution, it was important to completely prevent any light from entering the windows from the lamps.

Relief, materials and color scheme of the facades were taken into account while coosing lighting fixtures. It was also necessary to take into account the peculiarity of the location and the oversaturation of the light of the environment, so a series of mock-ups was carried out to select suitable lighting fixtures. To illuminate the stylobate, the optimal power of the luminaires was chosen, taking into account the presence of a high level of illumination in this zone.

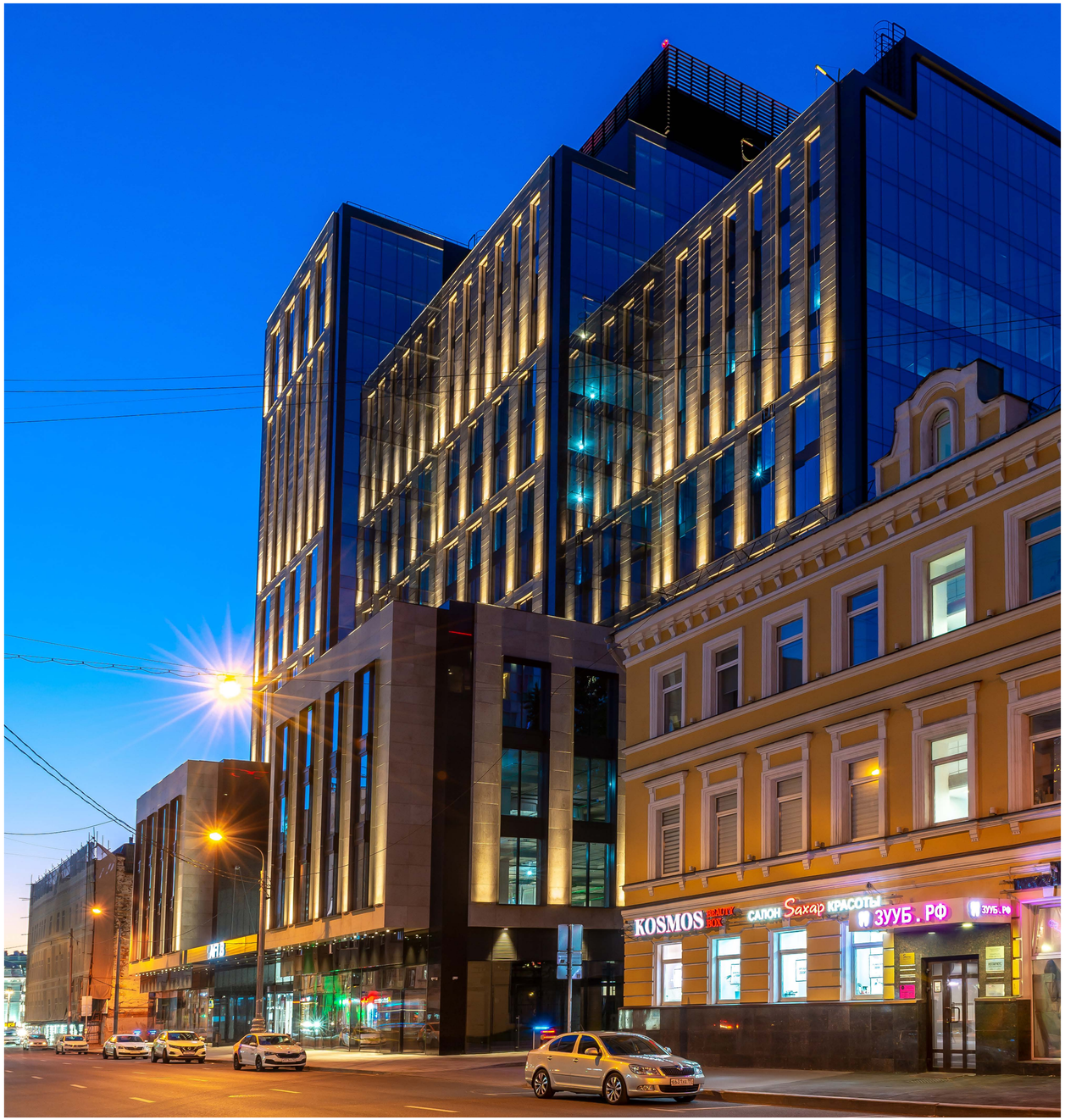
With the help of a well-thought-out lighting solution, it was possible to bring out the special details of the facade, as well as to convey the character of the building and its high status.



BC CLASS A+
AFI2B
MOSCOW, 2022

The lighting solution was developed considering the surrounding urban development and harmoniously blends into the existing lighting environment. Facades are combined of translucent structures and natural stone finishes.

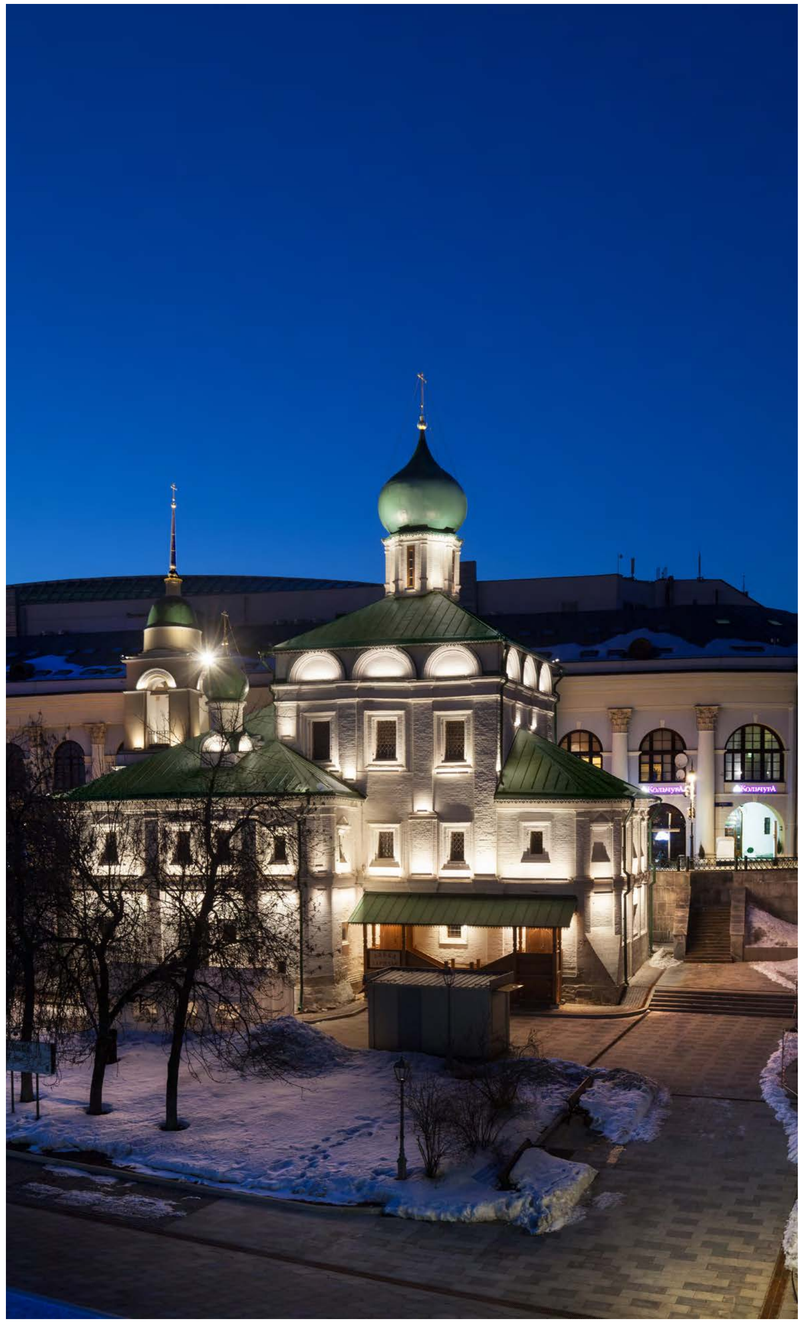
The concept of architectural lighting design takes into account the peculiarities of facade solutions and emphasizes the 3-dimensional composition of the building.
Light fixtures are placed on the facades lined with stone, maintaining the architectural rhythm of the windows. Glass facades remain untouched helping to exclude parasitic illumination of the interiors, allowing people to admire the city at night from the inside.
The project provides functional lighting of the area around the business center (pedestrian areas), entrance groups, as well as places of entry to the underground parking.



PATRIARCHAL COMPOUND
MOSCOW, 2017

Architectural complex is located in the enter of the city, and has many viewpoints both from the side of Zaryadye Park and the embankment, and from the side of Varvarka street. The accents on the facades' plastic create a harmonious combination of light and shadow. The lighting solution preserves a single composition of the ensemble, emphasizing the architectural features of each church.

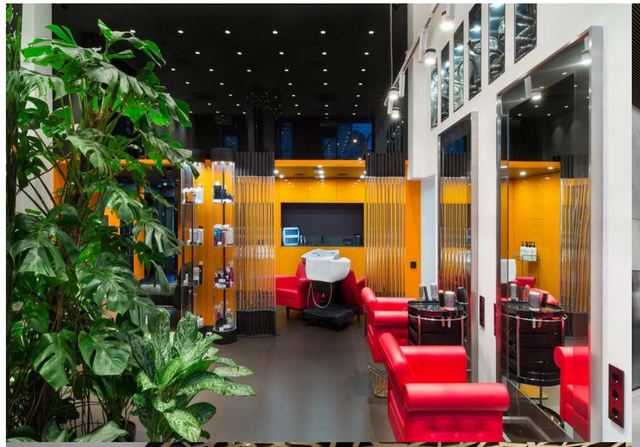
Lighting of objects of historical heritage imposes serious restrictions on choosing and installation of lighting equipment. All lamps are equipped with special protective accessories in order not to create discomfort for passers-by. Also for this project there was a special system developed to minimize the number of attachment points to the facade.

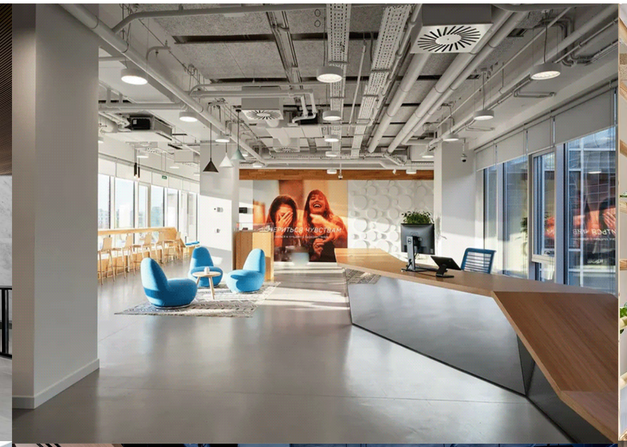
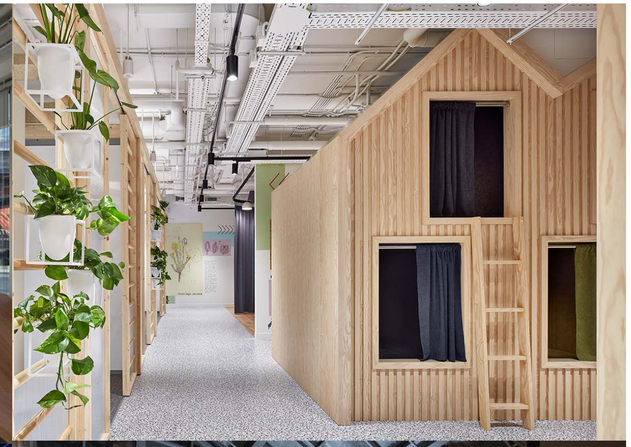


NEW KAMAL THEATRE
KAZAN, 2025

"Light spreading from within" is the main technique of the developed lighting solution for the theater facade.
To achieve the desired effect and create the desired glow from within, work was carried out with various elements of the complex architecture of the building.
A distinctive architectural element of the facade is the triangular panels that make the building look like the petals of an "ice flower". The integral image of the "flower" is made up of transparent triangles that cover the volume of the building and the roof structure. Each petal of the structure is different from the other, so for each part of the multi-scale structure, the lighting solutions were developed individually.
The lighting of the territory continues the general lighting idea. Landscape lighting develops the concept of light distribution. The maximum point of light saturation is the theater building, and the illuminated territory serves as a background for the building and does not distract attention from the facade.

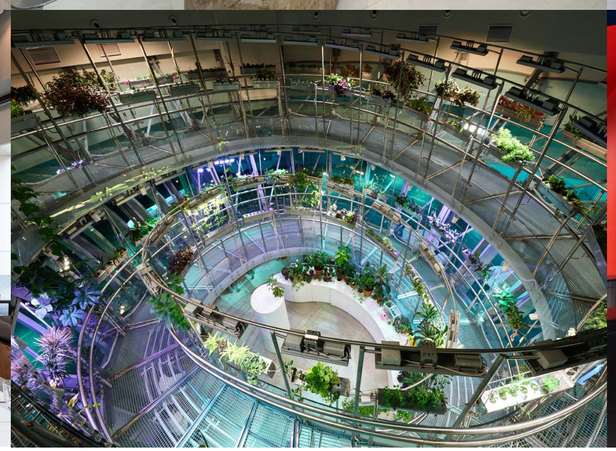
PUBLIC AND COMMERCIAL INTERIORS









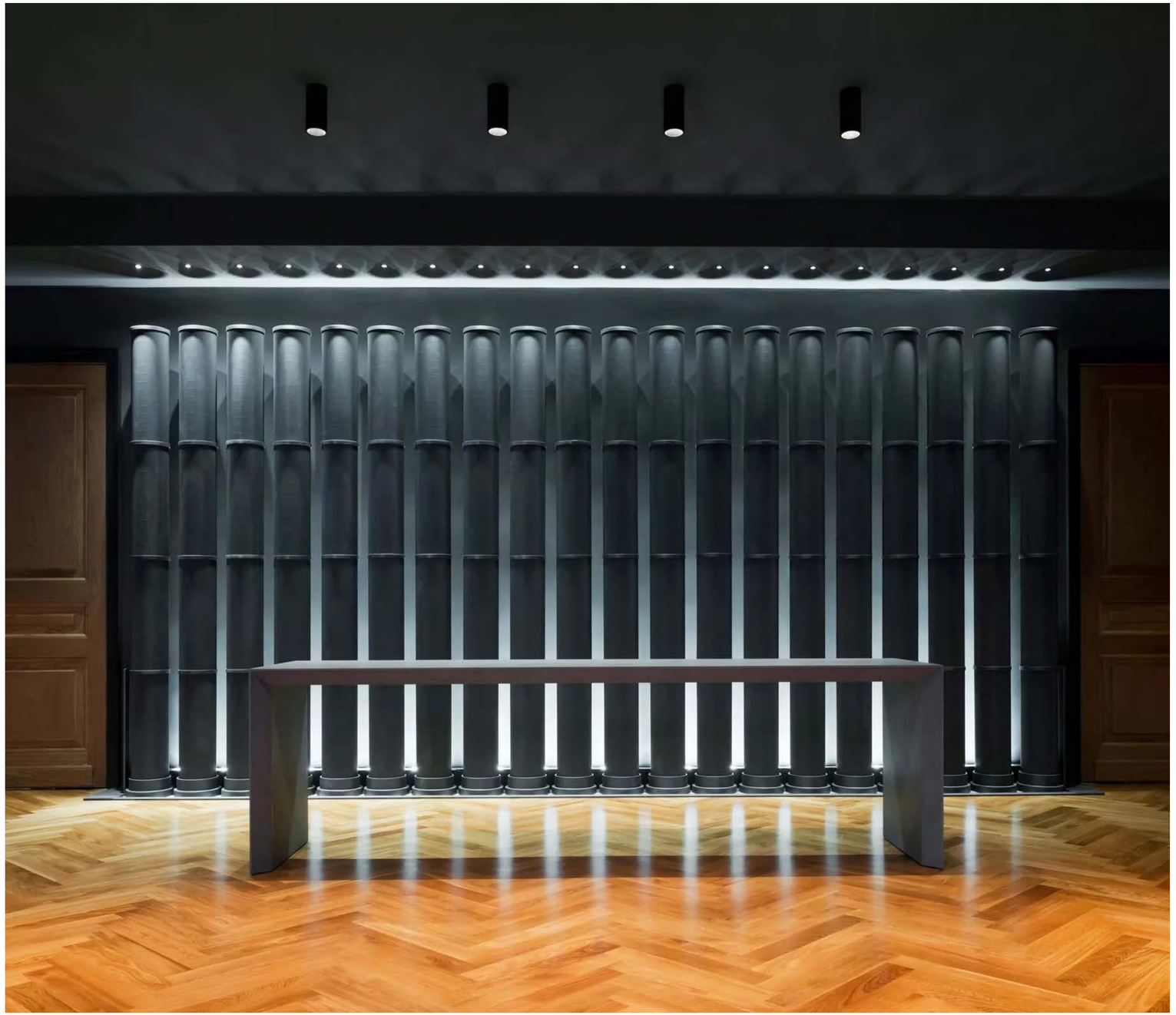

ELECTROTHEATER STANISLAVSKY
MOSCOW, 2014

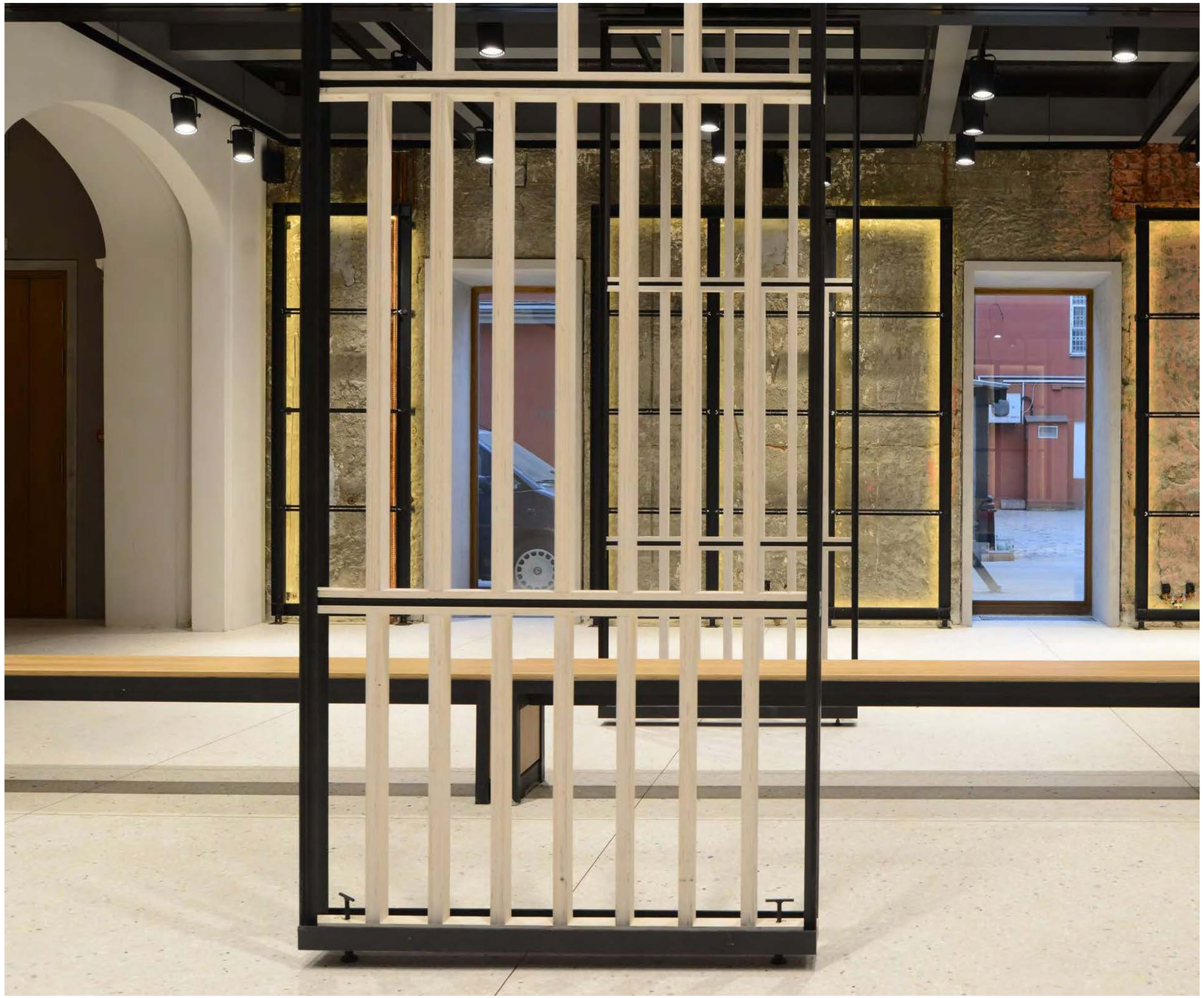
As a result of thought-out reconstruction, the architectural monument was turned into a modern theater venue. Light has become one of the key means of shaping the image of a new space, "revealing" the historical layers of the building and emphasizing the functional versatility of the spaces created inside it.

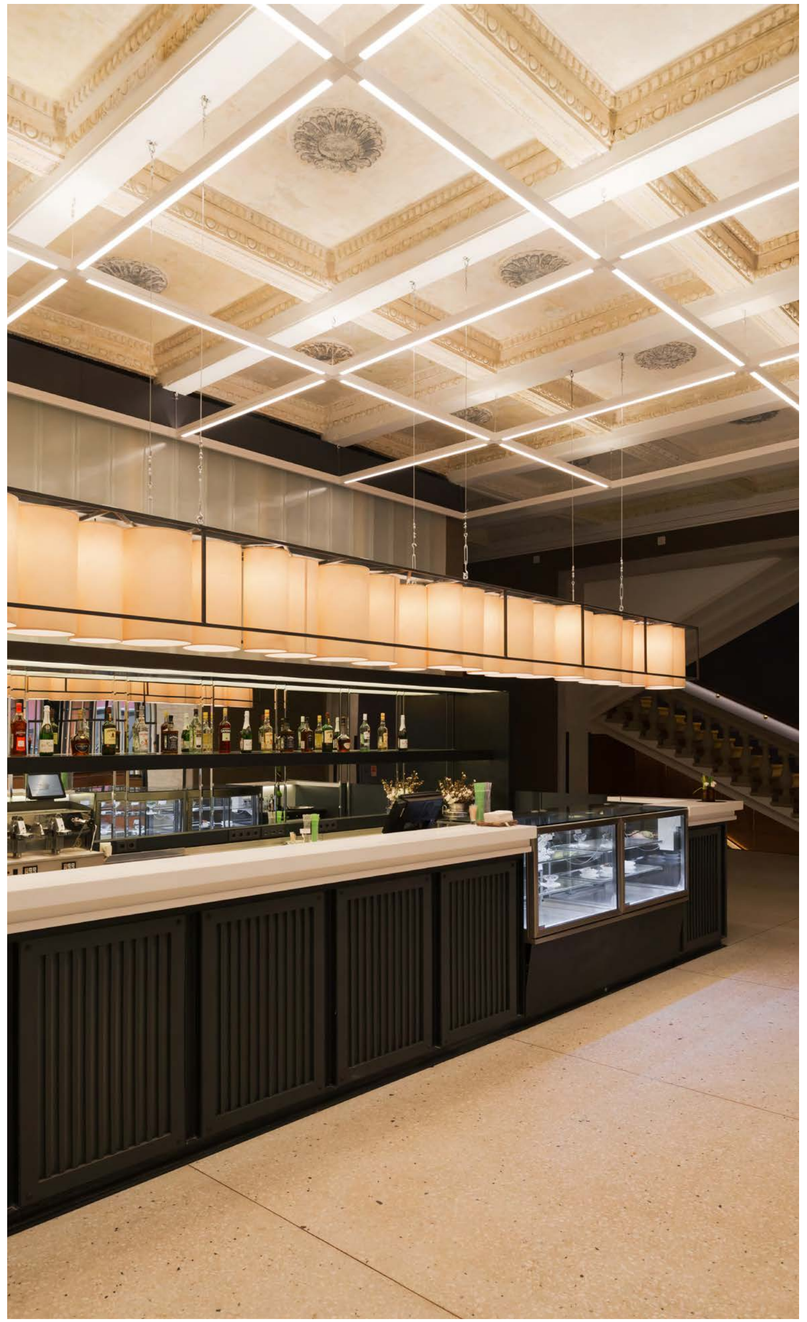
The expressive structure of the caissons on the ceiling of the main foyer is duplicated by the minimalistic grid of profiles with LED luminaries.

Due to the system of tracks located along the walls and under the ceiling in the main hall, maximum variability of light scenarios is provided.

Spot lighting in the foyer blurs the border between the stage and the audience area, creating a special "pre-theatrical" feeling.





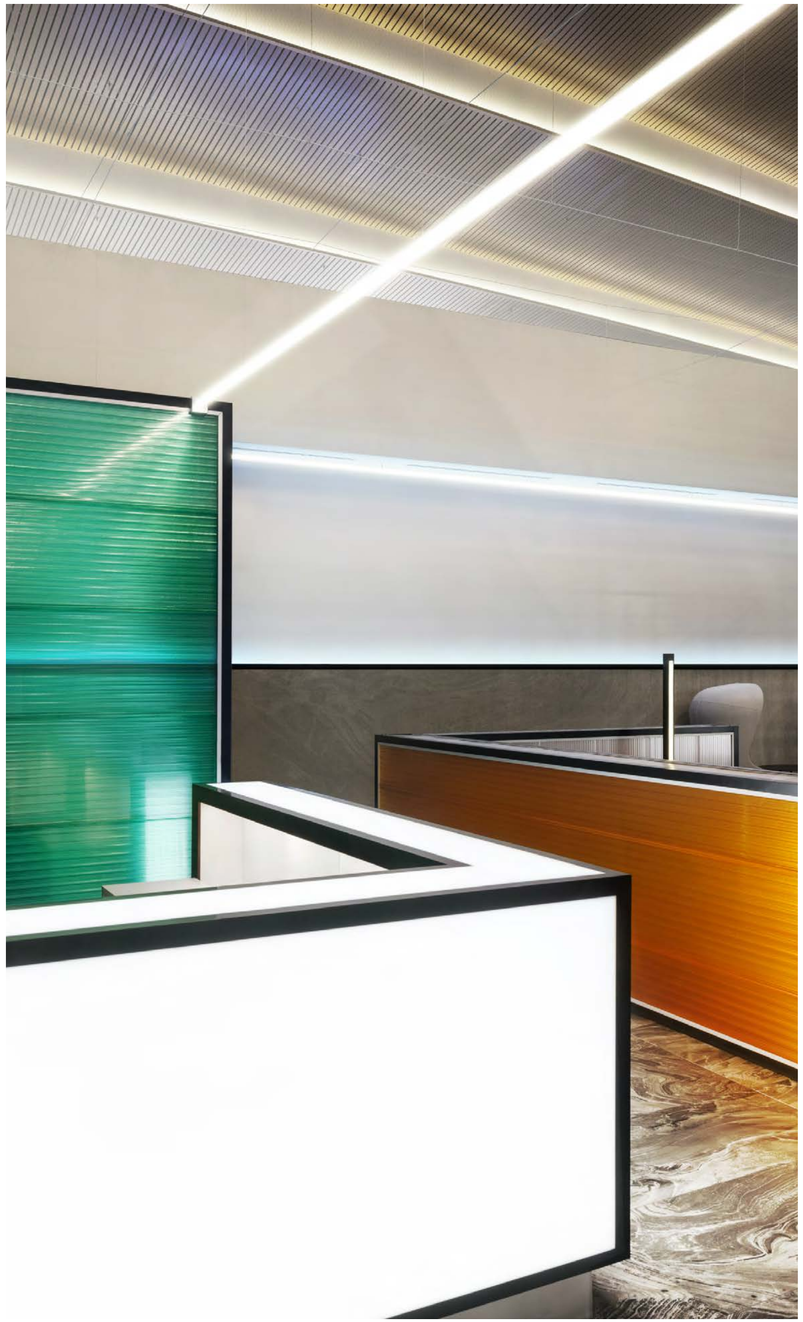


BUSINESS LOUNGE OF PLATOV AIRPORT “THE HORIZON”
ROSTOV-ON-DON, 2018

The interior of the airport is emphatically rational and at the same time filled with cozy details designed to make the stay of passengers in there as comfortable as possible.

Functional lighting emphasizes the idea of a graphic interior that was originally laid down in the project. Linear luminaries used in the project create a feeling of lightness and weight-lessness.

Diffuse light distribution in the business lounge enhances the foggy dawn effect that characterise Don-river and the prairie stretching around him.



MEDIA CENTER IN “ZARYADYE” PARK
MOSCOW, 2017

The main image of the interior of the «Media Center» is special because of unusual ceiling made of many thin threads of different lengths made of polycarbonate tubes. The effect of «streaming light», obtained with the help of specially chosen optics of the luminaries and their wave arrangement, helped to create it. The installation «Northern Lights» required lighting that could highlight the beauty of a natural phenomenon.

A complex scenario of color change from greenish-turquoise to blue and pink-violet with the required speed and frequency of transitions was achieved by testing technical solutions on fragments of the installation.

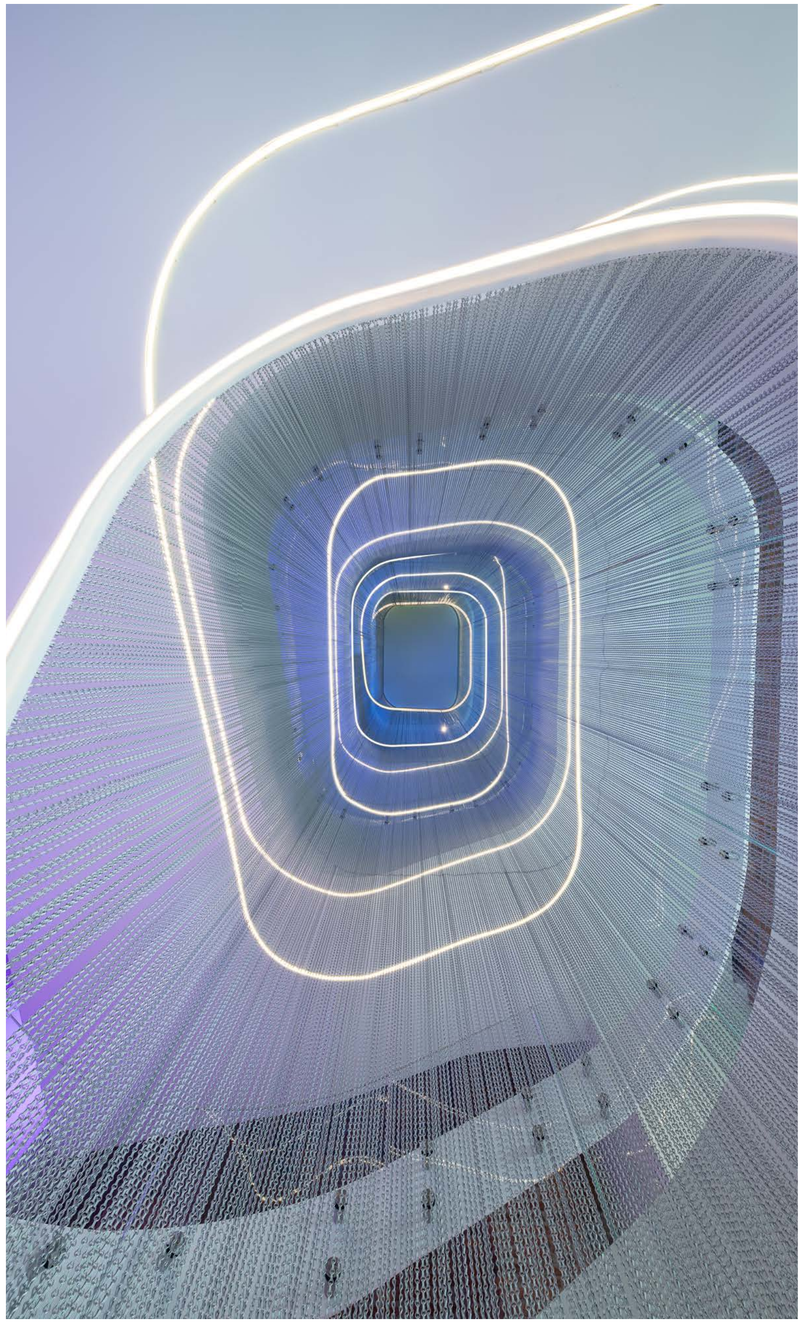
ELTSIN CENTER
EKATERINBURG, 2015

Multifunctional space of hybrid type, combining public and commercial functions. For each of the zones, lighting has been developed that ideally meets their purpose and considering the initial data as much as possible (the existance of multimedia exhibits, translucent enclosing structures, etc.).

Uniform horizontal illumination and vertical illumination by lighting equipment with wide light distribution maintains a feeling of lightness of space and fullness of daylight. Lighting scenarios allow to shift the focus depending on the task.

ZIFERGAUZ – DIGITAL TRANSFORMATION CENTRE
ST. PETERSBURG, 2021

The main task in the development of the lighting design solution was the creation of a unified, productive and comfortable lighting environment for a multifunctional space, which houses rooms that perform different tasks.
It was possible to solve the problem of the lack of sunlight and ensure a comfortable work of employees with the help of dynamic lighting and Tunable White technology. An intelligent artificial lighting system that takes into account human biorhythms helps to activate human resources, setting up for productive work during the day, and in the evening helps to relax and tune in to rest. A new comfortable working environment is also shaped by the balance of horizontal and vertical illumination.
A special decorative effect is created by the multimedia system, which also absorbs noise. Media panels can be easily integrated into the interior and allow you to broadcast dynamic media content that can be controlled using an application from a smartphone.



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