Lighting design and lighting design

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Lighting design the design area which is responsible for the lighting of buildings or selected zones. Lighting is designed keeping in mind aesthetic considerations and functional features of efficient use of energy and regulatory compliance. It is easy to guess that the lighting design is born at the junction of such spheres as architecture design lighting and power. There are equally important and creative idea and engineering project.

The lighting we collaborate with the Faith of the monk, a member of the International Association of IES specialist in lighting technology and design associate Professor of the Department of lighting engineering and light sources of Kharkiv national University of urban economy named after A. N. Beketov candidate of technical Sciences.

The lighting project is a reasoned technical decision on selection and placement of lighting equipment. It looks like the final result but before that lighting design will pass several stages.

First of all, will be developed a General lighting concept of the object. In the course of development is carried out a visual inspection of the object analysis of the idea proposed by the lighting and details of the project drawings. Then built a 3D model of the building where lighting devices allowing to solve tasks.

Further calculations in the program Dialux for compliance with adopted technical solutions to regulatory requirements. Therefore, all design decisions are supported by calculated values of illumination and brightness as well as 3D visualization of the object with realistic light distribution Thus in the hands of the customer is issued a full lighting report with the arrangement of lights showing qualitative and quantitative results of the calculation with the visualization of the future project.

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