

Effect of aesthetic and functional values of lighting on interior design elements

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Introduction:

The recognition is the eye process while we are trying to determine a certain figure for objects that are differing in colors and shapes through the reflected light from these objects. Whatever is surrounding these objects and determining their surfaces and mass is represented by the physics basics of formation, at the same time, the mind is exerting a great effort and interacts on those bases to create a real image to determine those forms. Our brains are organizing and uniting the light impacts till it completes a certain image such as the room containing us and the light is the main factor for most of the creature to be able to see accordingly this is what is helping us to feel the mass and its shape. The reflected light over our eyes is not only limited to the light but it is extended to a variety of meanings not the exact ones to be joining and matching the technological evolution. These varieties in figures, types and different sources made an artistic masterpiece in the world of decoration. You look for the suitable placed to be a part of void space full of warmth and mystery to provide a modern touch matching the spirit of the ancient times. Also, it adds an important role in the creation of the light and shadows game also adding a kind of nobility in the atmosphere to be able to achieve the required demands which are related to beauty and arts in the world of the interior designing.

Whether the design was a traditional one or a modern design, the lighting systems do add a magical touch over the void. We will not exaggerate if we claimed that the lighting system is the most effective element in the designing process.

The lighting systems changes the figures of the place and also add to it different techniques and using the shadows in different ways to assure the different functions responsibility in a certain space such as a passing field, a waiting field or a show field.

Light directs our vision and our awareness towards the void and alarms us to certain details and hides other details, also we can divide the void by managing the light through the contrast of the color and directing.

The case study:

The importance and the need for the interior designers to assure the beauty measurements in using the light inside the internal voids for the accommodation units so it would result in what is so called the visual effects in the frame to show the design elements and the the different structures of building in general.

Keywords: Perception - lighting methods - psychological and physiological effects of light - advanced lighting systems - interactive lighting