

## **Artificial light and its effect on the aesthetic values of contemporary mural sculpture**

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### **Abstract:**

Light is considered the main source of energy, it is one of the greatest divine blessings because it is connected with the gift of sight, and life without light can't be on the earth, that led several scientists and researchers to discover this element and its ambiguity, and with the appearance of huge scientific and technological development and progress in all different life aspects light technology has an abundant share of this progress and development that led the artist to discover potentials and aesthetics of the light and its fascinating results to its plastic treatment.

The conscious artist is the one who can reconcile between the functional role of the light inside the artwork and its aesthetic part in showing this work by studying and understanding light characteristics and its interactions with various formation data, so he created through it artworks based upon using artificial light and its modern Techniques, hence appeared using lighting as a formation, once again as an expression and another time as an effect.

### **And artificial light plays an important role in highlighting aesthetic values of mural sculpture through:**

- 1- showing formations and embodiment them whether they are static or dynamic.
- 2- showing the 3<sup>rd</sup> dimension which is the sense of perspective depth in design.
- 3- showing the surfaces whether they are convex, concave or flat.
- 4- Concentrating on subject components in which the artist like to present and hence highlights it.
- 5- Obtaining relief or bas - relief formations by distributing lights and shadows inside artwork.
- 6- Adding luster to some materials when required, as in the case of works carried out with metallic ores or the alpatenmethod.
- 7- Adding an aesthetic touch on shapes or faces by using calm smooth lighting.
- 8- Deepening the sense of space, vacuum and formation unit.

### **Keywords:**

Artificial light - aesthetic values - mural sculpture - technological data