

# Poster

## Lighting Objects and their Implications in Humans

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### Introduction

This poster is about in principle about lighting objects, but what we understand about this concept? We can define that are objects with light, but it could be the sun or the stars, or objects with artificial light, and we can think about the lamps and the fixtures. But, in this poster I focused on the study of some specific object of daily use that includes the light. To determine this specific objects, This study present a classification of different kind of lighting objects, This classification is based on the role of light in conjunction with the object. For example we have the lamps that emit artificial light, the fixtures, that are objects designed for the control and direction of the light, this two examples are objects to illuminate spaces, other objects use the light to develop a different function, for example the light inside the TV. are for watching images, if we don't have visible light into this objects they couldn't develop the function for it was created. Another different example it could be the light inside a refrigerator, in this case the light help us to interact with the food, but if we don't have a lamp into the refrigerator not be a problem, because the refrigerator not need the visible light to conserve the food. Another example it could be a computer or a cellphone, the interface have visible light, and if we don't have the interface we can't interact with the objects, in this case the function of the visible light are different and indispensable, But what happened if we have a chair or a table with light, in some cases the light are justified but in other they not play a principal function. So, the question is why the designers are designing these new applications? In some cases are because the characteristics of new lighting technologies

like LEDs permit that. But the questions is, if this new applications are beneficent or not for human's beings. This study focused in the last lighting objects examples. What are the effects on humans about the results of these interactions between the human and a table with light? Other justified or this application could be an emotional effect. And we know that, because of the studies about the effects of light in humans in different levels, psychological, biological, to mention ones. The study are focused in describe this lighting objects, determined the factors around their design, the interaction between the human and this objects and the results about this interactions, especially in areas about the emotion effects of light in human beings.

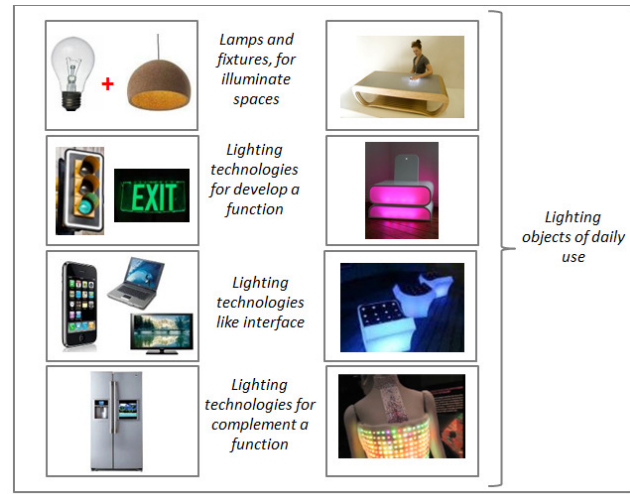


Fig. 1: Classification of objects with light

### References

- Internet images.
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- Angela Chang, LumiTouch: An Emotional Communication Device, MIT Lab, Harvard University.