Ecolight, an answer to the climate changing

Seyed Majid Mofidi Shemirani Iran University of Science and Technology

s m mofidi@iust.ac.ir

The biggest challenge in the modern time is the climate change and the gradual warming on the planet, caused mostly by the burning of fossil fuels. It has been demonstrated that the climate change caused the extinction of animal species that will be followed by the mankind extinction.

According to researches and results, in this condition the most of energy consumed in the buildings regards the provision of artificial light. While it is easy to conclude that if we want a solution, it should be look back to natural light based solution, that during the last decades many groups of researchers have focused on.

This kind of life style saves the energy sources. The community in order to solve environmental challenges should change consumerist and consumption philosophy should be in harmony with traditional methods which are suitable for nature. The use of natural light can cause the reduction of greenhouse gas, helping to save many species in danger of extinction.