

GP1017	A Fast Setup, Long-Lasting Light Fixture for Emergency Situation		
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Tackling an emergency has always been a bigger problem in the present world. There are products in market which are believed to be efficient in situations of emergency. But seeing the statistics, we understood that the existing products that deal with these situations have failed so far in actively helping the people trapped in the hot spots. Having this in mind, we chose this project. Our basic objective is to create a sense of safety and hope in the situation of despair.

Hence, we as a team started working on the project statement given. The first step was to do a research that can give a significant knowledge on general and technical data regarding an emergency. For the research part we followed most of the research methods from different parts of the nation. We filtered data from all the researches, ensuring that the output is not getting biased by our own perceptions. We rather formulated everything through the process of blending reality to design concepts. A list of amenities is identified to be unavoidable when the final product is being designed. Having found the needs for innovation we moved on to concept generation. We came up with shapes and forms that are easily recognizable by commoners which are derived from the above mentioned shapes. Prior to finalizing the form we consulted our project guide and got his consent.

The later stage of our project is the modeling part which was paralleled by the making of physical model and working prototype. Since we are asked for a range of prototypes we decided to make two mock-up models and a working prototype with all the electronics and the electrical components included. So we took the help of trained electronics experts in building our prototype. The working prototype came out to be a good winner with all its exclusive features making it stand out from its class.

Bottom-line is, the delivered product with all its features is pretty more than anyone can ask for in a situation of emergency. We took to calling it “the finexlite” named after a bird that is mythically believed to be non-dying.



Design process for emergency light fixture