

HIGHER TECHNICAL INSTITUTE

NICOSIA – CYPRUS

ELECTRICAL ENGINEERING

DEPARTMENT

DIPLOMA PROJECT

PUBLIC LIGHTING USING SOLAR

ENERGY

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BY

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1. **Summary:**

The calculations for the actual construction started after an extensive research for all the involved materials had taken place. These materials were: the solar modules, the batteries, the lamps, and the control devices used in solar systems and for the control system of the whole actual construction.

The research also had to cover the financial aspect of using solar systems and the advantages which derive from it. Finally and most importantly, it included the available types of equipments that could be used both in the Cyprus market and overseas.

After the completion of the research the actual construction started. It was completed in about two months. The designing part took place first and it was followed by the actual construction part. Subsequently, a number of observations through the testing stage lead to further improvements which resulted to a more efficient and reliable construction.

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ACKNOWLEDGEMENTS

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