

Solution for monitoring the operational status of the public lighting system

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Abstract: In the context of rapid urbanization and growing concern about energy, ensuring the efficiency of electricity use in public lighting systems has become urgent. This topic focuses on developing an automatic monitoring solution to track the operational status of light bulbs, aiming to enhance performance and reduce energy consumption. Through a combination of sensors and IoT technology, the system will send reports on the status of each bulb to a control center. The main objective is to create a flexible solution that can be widely applied in urban areas, contributing to energy-saving and environmental protection goals.

Keywords: IoT monitoring, Energy saving, Public lighting system