Smart Street Light System Using Arduino

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Abstract*: The Smart Street Light project aims to automate street lighting using Arduino Uno, IR sensors, LDRs, and LEDs. Traditional street lights remain ON even when not required, leading to energy wastage. This system ensures that lights turn ON only when needed, significantly saving electricity.*

Keywords: IR Sensor, Arduino Uno, LDR, LED,Resistor, Jumper Wire,5V Powersupply

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