

Paper Title: Towards Sustainable Cities: Utilizing Computer Vision and AI for Efficient Public Lighting and Energy Management

General comment

The presented paper addresses an important and timely topic of optimizing public lighting systems using computer vision techniques. With the increasing demand for electricity and the need to reduce energy costs, finding alternative strategies for managing public lighting is crucial. The authors highlight the significance of replacing sodium vapor lighting with LED lamps, which has already proven effective in reducing energy consumption. Overall, this paper contributes to the field of energy-efficient public lighting by leveraging computer vision techniques and intelligent control algorithms. The combination of pedestrian detection, ambient lighting analysis, and Fuzzy Logic provides a comprehensive solution for optimizing public lighting systems. The presented results and validation of the proposal further support the effectiveness of the approach.

Comments to authors

1. In abstract you need to focus more on YOLO and fuzzy controller in processes the image.
2. In introduction give more details of reference [3,5,6].
3. Rewrite the conclusion and focus on main contribution and achievement.
4. All reference in conclusion should more to result and discussion section.

Comment to editor

All above comments considered as minor correction.