

Review of: "Finding the illuminance levels for walkers in a prominent public park in New Delhi during the post-twilight period for healthy visual comfort, security, and other related parameters."

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Potential competing interests: No potential competing interests to declare.

The manuscript discusses a study that looks at the lighting conditions in a major public park in New Delhi, India during the post-twilight dark period. The study aims to evaluate the illuminance levels of a chosen path in the park to determine visual comfort, safety and security, and energy usage while outlining the importance of chosen parameters. The author compares the results of the data collection with collected standards and finally makes recommendations for improving the lighting quality of the analyzed area.

The following points are suggested, ranked by importance:

1. The author is advised to explain the choice of the methodology. It is not clear why the specific equidistance of measurement was chosen and why the lux rate 1m above ground was measured.
2. In the conclusion the author states, that the current lighting in the park deviates from optimal lighting (over-illuminated, under-illuminated). It would be helpful to explain what the exact optimal lighting is in the case of this park, according to the author.
3. As parameters by which the existing lighting was evaluated visual comfort, safety and security, and energy usage, were discussed. What is missing is the aesthetic value of the light. The aesthetic is mentioned in the Discussion but seems to be interchangeable with visual comfort in that context. If the aesthetic aspect is deliberately omitted, the manuscript should state so and explain why.
4. The author suggests bollard-based lighting. Since the products vary in the shape and size of the light cone, it would be advised to specify what angle of a light cone and what shape would be most appropriate to achieve the desired effect (considering the width of the path, spacing of the light sources, etc.).
5. There is a typo in the last sentence of the 4th paragraph of the Discussion.

