

CPD **LIVE**

Free CPD education online

This CPD seminar entitles you to 1 formal CPD point. Please be aware you are required to manage your own CPD records. We will provide you with your participation certificate and CPD evaluation based on our attendance records post event and your completion of the below questionnaire.

The below answer sheet is for your own self-assessment.

Please keep your completed questionnaires and answers on file for your record.

These do not need to be sent to the AIA or to CPD Live. CPD-Live will send you a Refuel certificate.

LIGHTING TO MAKE CITIES SAFER

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1. How can external lighting contribute to safety and the well being of citizens, especially women, in urban areas?

Good external lighting improves surveillance and detection of crime. Also, because it makes people feel safer, it encourages exercise, reduces social isolation, and can bolster neighborhood life.

2. Is brighter safer?

Brightness is important but so is uniformity of lighting coverage. Also, lighting that is too bright increases energy usage, annoys neighbours, harms wildlife, and disrupts views of the night sky.

3. What are the guidelines from authorities such as councils?

Australian Standard 1482-1997 'Control of the obtrusive effects of outdoor lighting', 1158 'Pedestrian area lighting', as well as state-based requirements.

4. What are the design concepts and the processes involved in lighting space for safety?

Visibility is always the main goal, along with minimal disturbance to the environment and neighbors.

5. What is the process, working with a client to achieve the best lighting outcome? Do these change from space to space?

Understanding hierarchy of space and the use of space, understand what is important to you, consider vertical illuminants, make sure from the onset that all stakeholders and community are involved in the design process.

6. What does the future look like as far as systems and products for lighting urban areas?

Also, the high directionality of the light they produce, coupled with their low energy and maintenance costs, LEDs and their end of life will be key considerations as we reflect on sustainability, longevity and the circular economy.