

Lighting Study

Purpose:

The purpose of a Lighting Study is to evaluate the intensity and impact of light pollution generated by development, the potential impacts on residential property and wildlife, and to ensure visibility and safety.

The following should be read in conjunction with Section 8.13 of the Official Plan. Where a Lighting Study is required, such study should:

1. Identify the location and specifications of all lighting fixtures proposed on the exterior of the buildings and site of the proposed development;
 2. Include a photometric plan of projected illumination (lumens) in connection with the proposed development and demonstrate the illumination levels at all property lines and 6.0 metres beyond those property lines;
 3. Identify the Light Pollution Index (LPI);
 4. Analyze the LPI and cumulative effects of lighting in the context of existing and planned future conditions;
 5. Recommend measures to mitigate the impact of light pollution in connection with the proposed development; and
 6. Provide evidence that sufficient lighting is provided to ensure lighting improves visibility and safety.
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Qualifications:

A Lighting Study must be completed by a registered professional engineer or certified engineering technologist in the Province of Ontario, to the satisfaction of the City.
