



# CITY POLICY

**POLICY NUMBER:** C564

**REFERENCE:**

**ADOPTED BY:**

City Council

**SUPERSEDES:**

**New**

**PREPARED BY:** Transportation Services

**DATE:** 2011-06-13

**TITLE:** **Residential Neighbourhood Street Lighting Renewal Policy**

**Policy Statement:** The City of Edmonton strives to provide high quality residential street lighting that includes proper lighting for pedestrians, cyclists and motorists through application of appropriate engineering guidelines and standards to ensure safety while minimizing light pollution, power consumption green house gas generation.

The City of Edmonton will exercise environmental stewardship of its residential street lighting system replacement program based on its commitment to: (a) reduce and minimize light pollution and light trespass through the use of full cut-off, IDA Approved or appropriate BUG Rated luminaires (b) continually improve the quality of road and walkway lighting by reviewing and implementing technological improvements, designs and operating practices where possible (c) minimize impacts to adjacent residents by maintaining existing pole locations where possible (d) maintain historical light levels where possible without impacting pedestrian, cyclist or motorist safety.

**The purpose of this policy is to:** Establish design, construction and equipment guidelines and standards intended to assist the City of Edmonton in achieving proper residential street lighting in neighbourhood reconstruction projects and residential infill projects.

Residential street light reconstruction has five main goals:

1. Replace deteriorated and inefficient residential street light systems;
2. Reduce and minimize obtrusive light, light pollution and light trespass;
3. Minimize disruptions impacts to adjacent residents by maintaining existing pole locations where possible;
4. Maintain or reduce existing light levels where possible while ensuring pedestrian, cyclist or motorist safety.
5. Ensure proper lighting where necessary to improve pedestrian, cyclist or motorist safety.

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Residential Street Light Reconstruction Objectives:

1. To upgrade street light infrastructure so that it improves safety;
2. To upgrade street light infrastructure so that it provides efficient operation and minimizes maintenance requirements;
3. To create residential street light infrastructure that minimizes greenhouse gas generation, light trespass and other environmental impacts;
4. To create mature neighbourhoods that are livable and adaptable.