

**REGIONAL DISTRICT OF NANAIMO
BYLAW NO. 500**

**COMMUNITY STREETLIGHTING SYSTEM STANDARDS
(version January 4, 2010)**

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**STREETLIGHTING SPECIFICATIONS
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The Developer shall submit a proposal for streetlighting to the Manager of Engineering for review/comments/revision/approval. There shall be a fee submission of \$250 plus \$50 for each light proposed; this fee shall be provided prior to the RDN reviewing the submission.

Design of the streetlighting system (the Works) shall be undertaken by a qualified professional electrical engineer registered in the Province of British Columbia and in accordance with all relevant regulations. The roadway lighting systems shall be based on the IESNA (Illuminated Engineering Society of North America) RP-8 design guide; variation from this design guide can only be undertaken upon written confirmation from the RDN. The RDN also follows the guiding principles of Dark Skies. Lights referred to as “**full cut-off fixtures**” shall be utilized in all street lighting applications (these lights minimize light pollution and direct light down to where it is needed).

Each group of five lights shall be controlled by a single photo cell.

Upon completion of the Works the developer shall supply to the RDN Works Yard in Parksville spare luminaries (one for each ten lights or portions thereof) which shall include the mounting hardware, light housing, lamp, lens, photo cell and high power factory ballast etc . The final submission shall also include “as-constructed” drawings of the Works.