

Product Evaluation

RE: Review of NXT Series LED Lighting

PRODUCT

NXT Series LED Lighting is manufactured and distributed by LED Roadway Lighting Ltd located in Halifax, Nova Scotia.

VENDOR CLAIMS AND INFORMATION

CLAIMS

NXT Series LED Lighting is the latest innovation in roadway lighting. The modular design of NXT Series LED allows users to easily and quickly up-grade or replace light engines or power supplies, without tools in less than one minute. NXT increased flexibility allows for freedom in changing optical distribution patterns and/or upgrading to more advanced LED technology in the future. Product Web link: <http://www.ledroadwaylighting.com/en/>

DESCRIPTION

NXT Series LED Lighting consists of; an integrated mounting step with 2.5⁰ increments allow for simple tilt adjustments up to plus or minus 5⁰; mounting options of 2-bolt fitter or 4-bolt fitter; Polyester powder coat topcoat; field adjustment switch allows users to select 5 available drive currents; optional surge module; glass lens.

POTENTIAL USAGE

NXT Series LED Lighting for all road, urban lighting. This product is currently in use in the province of Ontario.

STANDARDS

ASTM B117, ASTM 4541, UL 1598 and UL 8750, CSA C22.2

ALBERTA TRANSPORTATION COMMENTS TRIAL PROJECTS

EXPERIENCE

Alberta Transportation has not used this product.

APPLICABLE STANDARDS

Alberta Transportation Standard Specification 2.25 Street Lighting

RECOMMENDATIONS:

NXT Series LED Lighting be listed as a Potential Product under Alberta Transportation Products List, Electrical Equipment – Street Lighting Luminaires – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
Elena Yin