

Product Evaluation

RE: Review of NXT-Lite Luminaire

PRODUCT INFORMATION

Product Name: NXT-Lite Luminaire

Manufacturer: LED Roadway Lighting Ltd /
Liveable Cities, Halifax, Nova Scotia

Website: <https://www.liveablecities.com/nxt-lite>

Supplier: LED Roadway Lighting Ltd /
Liveable Cities, Halifax, Nova Scotia

VENDOR CLAIMS AND INFORMATION

CLAIMS

NXT-Lite incorporates award-winning performance, reliability, and future-proofing features that utilities and municipalities have come to expect at a competitive price. With a sleeker design the NXT-Lite is utility-friendly and designed for roadway applications requiring up to a 400W high pressure sodium replacement.

DESCRIPTION

NXT-Lite luminaires feature a tool-less, replaceable light engine and a door-mounted power supply. Luminaires are available with multiple drive currents and an optional DALI driver. Colour temperatures offered are 4000K (standard) or 3000K (optional). Other features include a 7-pin ANSI C136.41 receptacle, 2 or 4-bolt fitter, an optional house-side shield, and a post-top mounting bracket. Luminaires are available in two sizes: NXT-Lite-S (8 & 16 LEDs) and NXT-Lite-M (60 LEDs).

POTENTIAL USAGE

NXT-Lite Luminaire is designed for roadway applications.

STANDARDS

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation and Economic Corridors has no experience with this product.

APPLICABLE STANDARDS

Alberta Transportation Standard Specification 2.25 Street Lighting
Alberta Transportation Highway Lighting Guide
Alberta Transportation Light Emitting Diode (LED) luminaire specification

RECOMMENDATIONS

NXT-Lite Luminaire 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.

RESTRICTIONS ON USE

Caveat:

1. Street Lighting LED Luminaires must have Correlated Color Temperature (CCT) of 4000K +/- 300K only and LED Luminaires must ensure minimum average luminance level of 0.60 cd/m².
2. Minimum Warranty Requirement - Ten years after the installation of Street Lighting Luminaires.

TRIAL PROJECTS

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