

**RE: Review of TraStar Duralight – JXC200-HF Series 8 inch LED Vehicular Lamps  
– JXC300-07 Series 12 inch LED Vehicular Lamps**

**PRODUCT**

TraStar Duralight is manufactured by TraStar Incorporated located in Richardson, Texas and distributed by Econolite Canada Incorporated located in Calgary, Alberta.

**VENDOR CLAIMS AND INFORMATION**

**CLAIMS**

TraStar Duralight LED streetlight products have been in the transportation industry since 1993. TraStar Duralight LED products meet the industries specifications set by federal and many state/local governmental agencies and are certified by the ISO9001:2008 International Quality Control System. Web link for this product: <http://www.trastarusa.com/>

**DESCRIPTION**

TraStar Duralight LED streetlight products incorporates low power consumption and long operating lifetime LEDs; retrofit design and UV stabilized lens; MIL-STD-883 mechanical vibration; MIL-STD-810F moisture resistant; fully compatible with NEMA controller/conflict monitors and even brightness and standard chromatogram.

**POTENTIAL USAGE**

TraStar Duralight LED products are compliant to the latest ITE specifications, FCC Title 47 and full compatibility with NEMA controllers/conflict monitors. This product has been used by the County of Strathcona.

**STANDARDS**

CSA Canadian Standards Association  
ITE Institute of Transportation Engineers  
CSA C22.2 No. 0-M91, Std. No. C22.2 No. 9.0-96, Std. No. C22.2 No. 250-04

**ALBERTA TRANSPORTATION COMMENTS**

**EXPERIENCE**

Alberta Transportation has no experience with this product.

**APPLICABLE STANDARDS**

At present Alberta Transportation references the ITE specifications for traffic signals.

**RECOMMENDATIONS:**

TraStar Duralight LED system JXC 200 & JXC 300 be listed as a Trial Product under Alberta Transportation Products List, Traffic Control Devices – Traffic signals – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

**TRIAL PROJECTS**

Hwy 663/827 intersection and Hwy 2/ Aspen Ridge intersection (2019) (CON17551)

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