Product ID: 8281-1-21
Initiation Date: June 2016
Revision Date: November 24, 2021

RE: Review of TraStar JXC Series Pedestrian 16" LED Hand-Man with Countdown Timer

PRODUCT
TraStar JXC Series Pedestrian 16 inch LEDs Hand-Man with Countdown Timer is manufactured and distributed by Econolite Canada Incorporated located in Markham, Ontario.

VENDOR CLAIMS AND INFORMATION

CLAIMS
TraStar JXC Series Pedestrian 16 inch LEDs 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 JXC Series Pedestrian 16 inch LEDs 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 JXC Series Pedestrian 16 inch LEDs products are compliant to the latest ITE specifications, including chromaticity, moisture and vibration resistance, electronic noise and transient protection.

STANDARDS
CSA (Canadian Standards Association) ITE (Institute of Transportation Engineers)

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE
Alberta Transportation has installed this product at multiple locations.

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

RECOMMENDATIONS:
TraStar JXC Series Pedestrian 16 inch LEDs Hand-Man with Countdown Timer be listed as a Proven Product under Alberta Transportation Products List, Traffic Control Devices – Traffic signals – Proprietary, based on the field performance and the information provided.

TRIAL PROJECTS

Hwy 642 and 100 St, Morinville
Hwy 60 and 114 Ave, Acheson
Hwy 779 and 49 Ave, Stony Plain
Hwy 779 and 52 Ave, Stony Plain
Hwy 779 and 57 Ave, Stony Plain
Hwy 33 and 50th Ave, Barrhead (2018)
Hwy 16A and Southpark, Stony Plain (2013)
Hwy 16A and Southpark, Stony Plain
Hwy 779 and Wood Ave, Stony Plain
Hwy 779 and Hwy 628, Stony Plain
Hwy 779 and 55 Ave, Stony Plain
Hwy 60 and 92 Ave, Acheson
Hwy 60 and Twp Rd 531A, Acheson (2016)

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