

RE: Review of Dialight LED Traffic and Pedestrian Signals

PRODUCT

Dialight LED Traffic and Pedestrian Signals are manufactured by Dialight Corporation located in Farmingdale, New Jersey and distributed by Interprovincial Traffic Services located in Surrey, British Columbia.

VENDOR CLAIMS AND INFORMATION

CLAIMS

Dialight LED Traffic and Pedestrian Signals are ITE compliant. Dialight LED Traffic and Pedestrian Signals incorporate a conventional incandescent look in multiple configurations. Web link for this product: <http://www.dialight.com/Categories.aspx?bu=3&tc=16&node=28980&cat=24&hp=False>

DESCRIPTION

Light emitting diodes (LEDs) are compound semiconductor devices that convert electricity to light when based in the forward direction.

POTENTIAL USAGE

Dialight LED Traffic and Pedestrian Signals are ITE compliant for traffic control signals and pedestrian signals. Dialight LED Traffic and Pedestrian Signals have been used by the British Columbia Ministry of Transportation, the cities of Calgary, Edmonton, Surrey and Regina.

STANDARDS

CSA	Canadian Standards Association
MUTCD	Manual on Uniform Traffic Control Devices
ITE	Institute of Transportation Engineers

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has limited experience with LED signal heads.

APPLICABLE STANDARDS

At present Alberta Transportation references the ITE specifications for LED signal heads.

RECOMMENDATIONS:

Dialight LED Traffic and Pedestrian Signals be listed as a Proven Product under Alberta Transportation Products List, Traffic Control Devices – Traffic signals – Proprietary, based on the information provided.

TRIAL PROJECTS

Hwy 2 – Hwy 43 By-pass
Hwy 1 – Hwy 41A
Hwy 2 – St. Albert Trail

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
Richard Chow
Jim Poole/Jim Gavin