

Product Evaluation

RE: Review of AEL Autobahn ATB Roadway Series ATB2 Street Lighting

PRODUCT

AEL Autobahn ATB Roadway Series ATB2 40B Street Lighting is manufactured by American Electric Lighting located in Columbus, Ohio and distributed by Wow Lighting located in Edmonton, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

AEL Autobahn ATB Roadway Series ATB2 40B Street Lighting is a breakthrough LED technology and precision engineered optics provides exceptional illumination while also saving energy. Autobahn ATB works seamlessly with the Acuity Brands ROAM system to maximize energy and maintenance savings through enhanced monitoring and control functions. Autobahn ATB is 40 to 60% more efficient than comparable HID luminaires. Product Web link: <http://www.americanelectriclighting.com/>

DESCRIPTION

AEL Autobahn ATB Roadway Series ATB2 40B Street Lighting includes standard AEL lineman-friendly features such as tool-less entry, 3 station terminal block and quick disconnects. Bubble level located inside the electrical compartment for easy leveling at installation. Autobahn ATB rugged die-cast aluminum housing is polyester powder-coated for durability and corrosion resistance. Autobahn ATB 5 year limited warranty and operational rated temperature range from -40C to +45C.

POTENTIAL USAGE

ANSI: C136.2 is used illumination of roadways, residential streets, parking lots and parks. Autobahn ATB energy efficiency and holistic longevity make it the ultimate sustainable solution for renovating legacy street lights.

STANDARDS

ANSI: C136.2, C136.10, C136.14, C136.31, C136.15, C136.37

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has used this product.

APPLICABLE STANDARDS

Alberta Transportation Standard Specification 2.25 Street Lighting

RECOMMENDATIONS:

AEL Autobahn ATB Roadway Series ATB2 40B Street Lighting be listed as a Proven Product under Alberta Transportation Products List, Electrical Equipment – Street Lighting Luminaires – Proprietary, based on the information provided.

TRIAL PROJECTS

Southland & Deerfoot Trail ATB2 80B with ROAM NODE , 15m poles - Carmax and Highline Electric;
Chestermere - Highway 1 ATB2 80B, 30M Highmast Poles - Volker Stevin and Highline Electric;
Deerfoot Trail –Various Locations ATB2 80B 15m poles & ATB2 60B 13m poles.
Installed at project TND18799 sites

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cc Innovation Evaluation Group – Roger Skirrow
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