

Product Evaluation

RE: Review of GE Evolve ERL6 Cobra

PRODUCT INFORMATION

Product Name: GE Evolve ERL6 Cobra	Manufacturer: Current, Powered by GE located at East Flat Rock, North Carolina
Website: https://www.led.com/	Supplier: Dynarep sales Group Inc. North Saanich, BC

VENDOR CLAIMS AND INFORMATION

CLAIMS

GE's reflective optics are designed to optimize application efficiency and minimize dirt depreciation, lighting only what you need for a long time. The design incorporates the heat sink directly into the unit for heat transfer to prolong LED life.

DESCRIPTION

The ERL2 Series offers output range of 20,470-40,000 lumens. The unit is coated with minimum of 2.0 mil. thickness Corrosion resistant polyester powder paint. It comes with standard colours of Black, Gray and Dark Bronze.

POTENTIAL USAGE

The Evolve LED Roadway ERL6 Luminaire is optimized utilizing advanced LED reflective optical system for local, collector and major roadways.

STANDARDS

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation 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

GE Evolve ERL6 Cobra 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 Warrantee Requirement - Ten years after the installation of Street Lighting Luminaires.

TRIAL PROJECTS

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