

Product Evaluation

RE: Review of GE Evolve ERHM02 High Mast Luminaire

PRODUCT

GE Evolve ERHM02 High Mast Luminaire is manufactured by Current, Powered by GE located at East Flat Rock, North Carolina and is distributed in Alberta by Dynarep sales Group Inc. located in Kelowna, BC. Product Web link: <https://products.currentbyge.com/>

VENDOR CLAIMS AND INFORMATION

CLAIMS

GE's unique reflective optics are designed to optimize application efficiency and minimize glare. The modern design incorporates the heat sink directly into the unit for heat transfer to prolong LED life. This reliable unit has a 100,000-hour design life, significantly reducing maintenance needs and expense over the life of the fixture. This efficient solution lowers energy consumption compared to traditional HID fixture for additional operating cost savings.

DESCRIPTION

GE Evolve ERHM02 High Mast Luminaire has units coated with minimum of 2.0 mil. thickness Corrosion resistant polyester powder paint. It comes Gray colour.

POTENTIAL USAGE

The Evolve ERHM02 High Mast Luminaire is optimized for customers requiring a LED solution for expressway, freeway interchanges and other large area applications.

STANDARDS

Not provided

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, LED Luminaire specification by AT

RECOMMENDATIONS

GE Evolve ERHM02 High Mast Luminaire be listed as a Potential Product under Alberta Transportation Products List, Electrical Equipment – Street Lighting Luminaires (Highmast) – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat: 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.

TRIAL PROJECTS

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