

Product Evaluation

RE: Review of Galleon LED Luminaire

PRODUCT

Galleon LED Luminaire is manufactured and distributed by Eaton located in Mississauga, Ontario.

VENDOR CLAIMS AND INFORMATION

CLAIMS

Galleon LED Luminaire delivers a new level of performance and versatility for commercial area, site and roadway applications. Galleon LED Luminaire delivers exceptional performance in a highly scalable, low profile design. The patented, high efficiency AccuLED Optics system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. Web link for this product: <https://www.eaton.com/>

DESCRIPTION

Galleon LED Luminaire extruded driver enclosure; heavy wall die-cast aluminum end caps; 3G vibration rated; IP66 rated housing and LED light squares and optional tool-less entry. Galleon LED Luminaire finished with five stage super durable TGIC paint resists extreme weather conditions while optimal color and gloss retention.

POTENTIAL USAGE

Galleon LED Luminaire proprietary circuit module designed to withstand 10KV of transient line surge. Galleon LED Luminaire operates in -40°C to +40°C ambient with optional high ambient 50°C ambient configuration. Galleon LED Luminaire is available in optional wireless control and monitoring system. Galleon LED Luminaire with its 60,000+ hour rated life operates six times longer than traditional metal halide fixtures. With simple quick disconnects the light squares are easily removed in the field for replacement or for the rotation of the optics.

STANDARDS

UL File #E328008, Vol. 12

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has experience with this product.

APPLICABLE STANDARDS

Alberta Transportation Standard Specification 2.25 Street Lighting

RECOMMENDATIONS:

Galleon LED Luminaire be listed as a Proven Product under Alberta Transportation Products List, Electrical Equipment – Highway Lighting Products – Street Lighting Luminaries – Proprietary, based on the information provided and the field performance.

TRIAL PROJECTS

SW AHD LED Upgrade - Phase 1, 1400 fixtures (Model No. GAN-AF-01-LED-8-T2R); SE AHD

Rishi Adhikari

cc Innovation Evaluation Group – Roger Skirrow
Rokibul Khan