

Product Evaluation

RE: Review of HMAO LED Highmast Lighting

PRODUCT

HMAO LED Highmast Lighting is manufactured by Holophane located in Columbus, Ohio and distributed by WOW Lighting located in Edmonton, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

HMAO LED Highmast Lighting is intended for highways, interchanges, ports, rail yards, container yards, parking areas, truck stops and sports lighting. HMAO LED Highmast Lighting uses a modular chip design to provide long system life and up to 77% energy reduction over traditional high mast products. Web link for this product: <http://www.holophane.com>

DESCRIPTION

HMAO LED Highmast Lighting rugged die cast, low copper content aluminum 380 alloy electrical and optical housing are polyester powder coated with super durable paint for durability and corrosion resistance. A four bolt horizontal arm mount with +/- 5 degree vertical adjustment provides 3G vibration rating per ANSI C136. Mast arm mount is adjustable for arms from 1-1/4" to 2".

POTENTIAL USAGE

HMAO LED Highmast Lighting quick disconnect connectors for ease of installation and maintenance. HMAO LED Highmast Lighting borosilicate prismatic glass optics ensures longevity and minimizes dirt depreciation along with zero upright optics reduces sky glow and meets Dark Sky requirements.

STANDARDS

HMAO LED Highmast Lighting CUL certificate #20150122 – E36346

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product.

APPLICABLE STANDARDS

Alberta Transportation Standard Specification 2.25 Street Lighting

RECOMMENDATIONS:

HMAO LED Highmast Lighting be listed as a Trial Product under Alberta Transportation Products List, Electrical Equipment – Highway Lighting Products – Street Lighting Luminaries – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

Deerfoot Trail –Various Locations - HMLED2 12 30m, 20m, and 18m poles

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
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