

INCH-POUND

MIL-PRF-32243A

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SUPERSEDING

MIL-PRF-32243

12 March 2009

PERFORMANCE SPECIFICATION

LIGHT EMITTING DIODE (LED) MILITARY DRIVING HEADLAMP

This specification is approved for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This standard establishes, unless otherwise specified, the minimum requirements for engineering acceptance for the operation, performance, and reliability of what is commonly termed as the seven (7) inch round Forward Lighting Driving Headlamp, for military vehicles, with Light Emitting Diodes (LED) as the base of their technology for illumination and compliance with applicable SAE, United States Federal Motor Vehicle Safety Standards (FMVSS), Canadian Motor Vehicle Safety Standards (CMVSS), MIL Standards and Military Performance Specifications. The lamps will be designed to conform to the photometry, mechanical, electrical and special performance requirements referenced within this document where applicable. Each production part need not be tested to the specified validation tests as proof of compliance. The headlamp may be supplied as a replacement part or as a component in a finished assembly.

1.2 Classification. The LED Military Driving Headlamp will be the following types and styles.

Type I – Lamp with Bucket

Style 1- Lamp w/ Green Bucket (Short Mount 3/8" Mounting Stud Length)

Style 2 - Lamp w/ Tan Bucket (Short Mount 3/8" Mounting Stud Length)

Style 3 - Lamp w/ Black Bucket (Short Mount 3/8" Mounting Stud Length)

Style 4- Lamp w/ Green Bucket (Long Mount 3/4" Mounting Stud Length)

Style 5 - Lamp w/ Tan Bucket (Long Mount 3/4" Mounting Stud Length)

Style 6 - Lamp w/ Black Bucket (Long Mount 3/4" Mounting Stud Length)

Type 2 – Lamp Only

Comments, suggestions, or questions on this document should be addressed to: U.S. Army Tank-automotive and Armaments Command, ATTN: AMSRD-TAR-E/268, MS-268, Warren, MI 48397-5000 or emailed to usarmy.detroit.ccdc-gvsc.mbx.standardization@mail.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <http://assist.dla.mil>

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