



DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
P.O. BOX 3990
COLUMBUS, OHIO 43218-3990

July 14, 2023

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT: Initial Draft(s) of: A-A-55446A
Project Number(s): 6210-2023-022

The initial draft for the subject document, is now available for viewing and downloading from the DLA Land and Maritime-VA Web site:

<https://landandmaritimeapps.dla.mil/programs/milspec/default.aspx>

Major changes to this document include: Add product conformance, Remove Navy YD Review activity, Remove Army custodian, Add DLA custodian, Add QR Code, 508-Compliance.

Concurrence or comments are required at this Center within 30 days from the date of this letter. Late comments will be held for the next coordination of the document. Comments from military departments must be identified as either "Essential" or "Suggested". Essential comments must be justified with supporting data. Military review activities should forward comments to their custodians of this office, as applicable, in sufficient time to allow for consolidating the department reply. Lack of response to this draft will be construed as concurrence.

If this document is of interest to you, please provide your comments or suggested changes. The point of contact for this document is Mr. Jabir, phone number 614-692-7105, facsimile transmission, 614-692-6939, e-mail ahmed.jabir@dla.mil, or may be mailed via the US Postal Service to DLA LAND AND MARITIME, ATTN: VAI (Attention: Ahmed Jabir), P.O. Box 3990, Columbus, OH 43218-3990.

Sincerely,

/SIGNED/

ABDONASSER M. ABDOUNI
Chief,
Interconnection Branch

cc:
Susan Berneski (FCAA)

NOTE: This draft, dated **14 July 2023** prepared by DLA-CC, has not been approved and is subject to modification. DO NOT USE PRIOR TO APPROVAL. (Project 6210-2023-022)

INCH-POUND
A-A-55446A
DRAFT
SUPERSEDING
A-A-55446
20 APRIL 1995

COMMERCIAL ITEM DESCRIPTION GUARD, STRING LIGHT

The General Services Administration has authorized the use of this commercial item description as a replacement for Type IX of Military Specification MIL-L-19037B for all federal agencies.

1. ~~Abstract~~ **SCOPE**. The guard shall be suitable for attaching to a weatherproof type, medium size, Edison base stringer lamp holder having a shade holder groove with grounding surface. The guard shall accommodate a size A.23 bulb. This item is used for protection of the lamp when temporary lights are strung in the field around new construction, in mines, industrial settings, and other places where temporary site lighting is required.

2. CLASSIFICATION.

2.1. Type I. Open ended. Allows lamp changes without removal of the guard.

2.2. Type 2. Enclosed. Guard must be removed for lamp changes. Enclosed guards provide additional protection for lamps and discourage unauthorized removal of lamps.

3. SALIENT CHARACTERISTICS.

3.1 Construction. The guard shall be constructed of welded steel wire having a minimum wire gauge thickness of No. 10 SWG (Steel Wire Gage) before application of zinc coating. The guard shall be a standard commercial product.

3.2 Corrosion protection. After fabrication (all welding completed) the guard shall be zinc coated. Screw fasteners shall be stainless steel, austenitic types, selected from the 300 series (see SAE JI086, Recommended Practice for Numbering Metals and Alloys [UNS]).

3.3 Dimensions. The guard shall accommodate size A23, medium screw base lamps to 150 watts.

3.3.1 Mounting: clamp. the internal diameter of the mounting clamp shall be compatible with lampholders having an outside diameter of 1-1/2 inches nominal at the shade holder groove.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data that may improve this document should be sent to: **DLA Land and Maritime, ATTN: VAI, P.O. Box 3990, Columbus OH 43218-3990, or email fluidflow@.dla.mil. Since contact information can change, you may want to verify the currency of the address information using the ASSIST Online database at <https://assist.dla.mil>**

3.3.2 Length. Type 1 guards shall be a minimum six inches, overall. Type 2 guards shall allow a minimum clearance of 3/4 inch between the bulb (glass envelope of the lamp) and the guard.

3.3.3 Diameter. Type 1 shall be minimum 3-3/4 inches. For Type 2 see 3.3.2.

3.4 Materials exception. When the guard is constructed of cold-heading stainless-steel wire (Types 303, 304, or 305) there shall be no requirement for zinc coating.

3.5 Workmanship. All components, and assemblies shall be free of dirt and other extraneous materials. Burrs, slivers, rough die, tool, and grinding marks, dents, and cracks shall be unacceptable. Castings, molded parts, and stampings shall be free of sand, fins, pits, blow holes, and sprues. The surfaces of parts to be welded or brazed shall be clean. All scale and flux shall be removed from the finished weld area: The welds shall be smooth. Threaded fasteners shall not be missing, broken, cracked, or stripped of threads. There shall be no defects affecting serviceability, durability, operation, or appearance.

4. REGULATORY REQUIREMENTS.

4.1 Recovered materials. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum practical extent. Recycled or reclaimed materials may be used in the construction of the equipment described herein. Recycled and reclaimed materials shall consist of previously used material which has been reprocessed to become a source of new raw materials. Under no conditions or circumstances shall the contractor submit to the Government for acceptance reconditioned or rebuilt components as a part of the equipment described herein.

5. QUALITY ASSURANCE PROVISIONS.

5.1 Contractor certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this Commercial Item Description, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices and is the same as the product offered for sale in the commercial marketplace. When specific quality assurance provisions are specified for any commercial characteristic, the contractor shall maintain records resulting from his inspection(s) conducted in accordance with the specific quality assurance provisions. The government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided under the provisions of the contract. The government serves the right to audit the contractor's quality assurance records.

5.2 Product conformance. The products provided shall meet the salient characteristics of this CID, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

5.3 Successful commercial operation. No item of equipment offered under this CID shall be acceptable unless the manufacturer has marketed equipment of the same size (similar capacity) and type in a commercial environment for a minimum period of one year. Equipment installed for test purposes in a manufacturer's plant or test laboratory shall not be considered as complying with this requirement.

5.4 Warranty. Unless otherwise specified in the contract, the manufacturer's standard commercial warranty terms shall apply.

6. PACKAGING.

6.1 Preservation, Packaging, Packing, Labeling and Marking. Preservation, packaging, packing, labeling, and marking shall be as specified in the contract or purchase order.

6.1.1 Commercial. In the absence of detailed instructions in the contract or purchase order, preservation and packing shall be in accordance with ASTM D 3951, Standard Practice for Commercial Packaging.

7. NOTES.

7.1 Commercial item certification. When this CID is used for procurement, the commercial item certification clause must appear in the solicitation.

7.2 Environmentally preferable material. Environmentally preferable materials should be used to the maximum extent possible to meet the requirements of this specification. As of the dating of this document, the U.S. Environmentally Protection Agency (EPA) is focusing efforts on reducing 31 priority chemicals. The list of chemicals and additional information is available on their website <https://www.epa.gov/osw/hazard/wastemin/priority.htm> Included in the EPA list of 31 priority chemicals are cadmium, lead, and mercury. Use of these materials on the list should be minimized or eliminated unless needed to meet the requirements specified herein (see Section 3).

7.3 Source of documents. Copies of referenced documents are available from:

FED-STD-376B - Preferred Metric Units for General Use by the Federal Government

Government documents:

Standardization Documents Order Desk
700 Robbins Avenue
Building 4, Section D
Philadelphia, PA 19111-5094

(Copies of these documents are available online at <http://quicksearch.dla.mil> or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

~~Non-government documents:~~

~~ASTM D 3951 may be obtained from:~~

~~ASTM
1916 Race Street
Philadelphia, PA 19103~~

~~SAE J1086 may be obtained from:~~

~~Society of Automotive Engineers
400 Commonwealth Drive
Warrendale, PA 15096~~

SAE-J1086 - METALS AND ALLOYS, NUMBERING

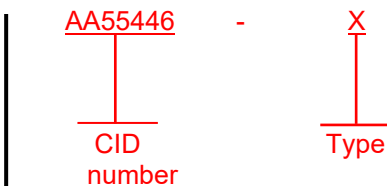
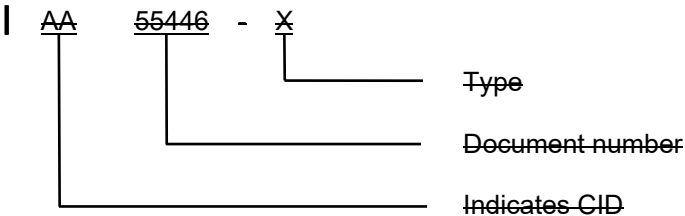
(Copies of these documents are available on line at www.sae.org from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, and Tel: 877-606-7323 [inside USA and Canada] or 724-776-4970 [outside USA], email at CustomerService@sae.org.)

ASTM-D3951 - Packaging, Commercial

(Copies of these documents are available online at <http://www.astm.org> or from the ASTM International, P.O. Box C700, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.)

7.4 Metric product. Products manufactured to metric (SI) dimensions will be considered on an equal basis with those manufactured using inch-pound units of measure, provided they fall within specified tolerances using conversion tables contained in the latest revision of Federal Standard 376, and all other requirements of this CID are met.

7.5 Part identification number (PIN). The following part identification numbering procedure is for government purposes and does not constitute a requirement for the contractor. The PIN shall be constructed as follows:



7.6 Commercial products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict acquisition to only the manufacturers shown.)

W.W. GRAINGER COMPANY, INC.
HARVEY HUBBELL INC, Lighting
Division NORTHERN WIRE
PRODUCTS, INC. WOODHEAD
INDUSTRIES INC.

7.7. Subject term (key word) list.
string light extension light
guard utility light

MILITARY INTERESTS

ACTIVITY:

Custodians:

~~Army – ME~~

Navy – YD

Air Force – 99

CIVIL AGENCY COORDINATING

GSA – FSS

Preparing activity:

~~DLA – GS~~

DLA -CC

Review activities:

~~Navy – YD~~

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NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.