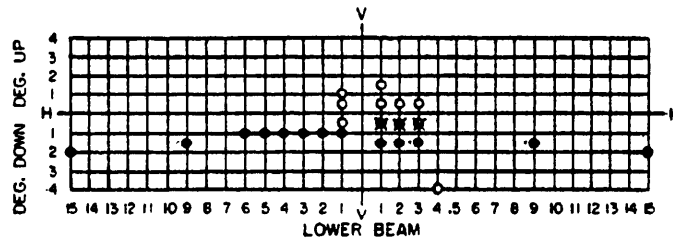
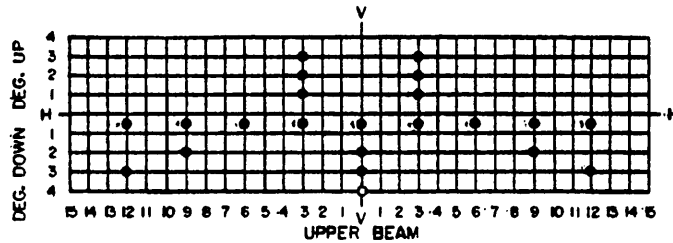


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PHOTOMETRIC TEST POINTS

SEE TABLE I FOR TEST POINT VALUES



- — MAXIMUM CANDLEPOWER POINT
● — MINIMUM CANDLEPOWER POINT
■ — MAX & MIN CANDLEPOWER POINT

TABLE I
PHOTOMETRIC TEST POINT VALUES
MEASURED 60 FEET FROM LAMP

| UPPER BEAM | | |
|-----------------|----------|----------|
| POSITION | C.P. MAX | C.P. MIN |
| 3U—3R & 3L | — | 500 |
| 2U—3R & 3L | — | 1000 |
| 1U—3R & 3L | — | 2000 |
| 1/2 D—V | — | 20000 |
| 1/2 D—3R & 3L | — | 10000 |
| 1/2 D—6R & 6L | — | 3250 |
| 1/2 D—9R & 9L | — | 1500 |
| 1/2 D—12R & 12L | — | 750 |
| 2 D—V | — | 5000 |
| 2D—9R & 9L | — | 1500 |
| 3 D—V | — | 2500 |
| 3D—12R & 12L | — | 750 |
| 4 D—V | — | 7500 |
| MAXIMUM | 37500 | — |

| LOWER BEAM | | |
|----------------------|----------|----------|
| POSITION | C.P. MAX | C.P. MIN |
| 1—1/2U—1R TO RIGHT | 1000 | — |
| 1U—1L TO LEFT | 500 | — |
| 1/2 U—1R TO 3R | 2000 | — |
| 1/2 U—1L TO LEFT | 800 | — |
| 1/2 D—1R TO RIGHT | 10000 | — |
| 1/2 D—1R, 2R OR 3R | 10000 | 2000 |
| 1/2 D—1L TO LEFT | 2000 | — |
| 1D—1L TO 6L | — | 750 |
| 1—1/2 D—1R, 2R OR 3R | — | 4000 |
| 1—1/2 D—9R & 9L | — | 750 |
| 2D—15R & 15L | — | 500 |
| 4 D—4R | 12500 | — |
| 10—90 U@ | 125 | — |

@—FROM NORMALLY EXPOSED
SURFACE OF LENS

APPROVED 23 NOVEMBER 1962 REVISED (B) FOR CHANGES SEE SHEETS 1 AND 3

This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

| | | | |
|--|------------------------------------|---|-------------------|
| P 4 ARMY-AT Other Cus. NAVY-SH AF-B2 | INTERNATIONAL INT. ABCA NATO | TITLE LAMP, INCANDESCENT — SEALED BEAM, PAR 56, HEADLAMP, 3 CABLE TYPE | MILITARY STANDARD |
| | | | MS 18008 |
| PRO UNIFORM SPECIFICATION W-L-50 | SUPERSEDES | SHEET 2 OF 3 | |

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NOTES:

1. TYPE IV (MILITARY VEHICLE) OF PROCUREMENT SPECIFICATION.
2. WITH AIMING PLANE NORMAL TO THE PHOTOMETER AXIS, THE BEAM SHALL MEET SPECIFICATIONS IN TABLE I. TOLERANCES OF $\pm 1/4$ DEGREE PERMISSIBLE AT ANY POSITION SHOWN IN TABLE I.
3. MS DASH NUMBER CORRELATES WITH LAMP INDUSTRY TRADE NUMBER.
- (B) 4. BOOT MATERIAL, RUBBER GRADE SC 615 A₁B₁C₁F₂K₂L IN ACCORDANCE WITH MIL-R-3065 AND MIL-STD-117 OR ASTM SC 615 A₁C₁K₂.
5. WHEN INSTALLED, BOOTS MUST MEET WATERPROOFNESS REQUIREMENTS OF MIL-E-13856, TYPE II, CLASS 2.
6. CABLES SHALL BE SOLDERED IN ACCORDANCE WITH REQUIREMENT 5 OF MIL-STD-154 USING ROSIN CORE SOLDER CONFORMING TO SN 50 OR SN 60 OF QQ-S-571.
7. IN ACCORDANCE WITH UNIFORM VEHICLE CODE AND STATE HIGHWAY REGULATIONS, THE MOUNTING HEIGHT OF HEADLAMPS SHALL BE NO LESS THAN 24 OR MORE THAN 54 INCHES FROM THE HORIZONTAL CENTERLINE OF THE LAMP TO THE NORMAL GROUND LEVEL.
8. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE $\pm 1/32$ ON FRACTIONS, $\pm .010$ ON DECIMALS, $\pm 1^\circ$ ON ANGLES.
9. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
10. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS, AND REFERENCED DOCUMENTS.
11. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
12. MARKING SHALL CONSIST OF THE MS DASH NUMBER, VOLTAGE RATING AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD 130.

CERTAIN PROVISIONS OF THIS STANDARD, IDENTIFIED BY AN ASTERISK (*) ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ABCA QSTAG-208, NATO STANAG 4005. WHEN REVISION, OR CANCELLATION OF THIS MILITARY STANDARD IS PROPOSED WHICH WILL AFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.

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| | | | |
|---|------------------------------------|---|-------------------------------|
| P. A. ARMY-AT Other Civil NAVY-SH AF-82 | INTERNATIONAL INT. ABCA NATO | TITLE LAMP, INCANDESCENT — SEALED BEAM, PAR 56, HEADLAMP, 3 CABLE TYPE | MILITARY STANDARD MS 18008 |
| PROCUREMENT SPECIFICATION W-L-50 | | SUPERSEDES | SHEET 3 OF 3 |

DD FORM 672-1 (Continued)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 23 NOVEMBER 1962 REVISED (B) FOR CHANGES SEE SHEETS 1 AND 3

| SPECIFICATION ANALYSIS SHEET | | Form Approved Budget Bureau No. 22-R255 |
|---|------------------------|--|
| INSTRUCTIONS: This sheet is to be filled out by personnel, either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity. Comments and suggestions submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or serve to amend contractual requirements. | | |
| SPECIFICATION <div style="text-align: center; font-size: 1.2em;">MS18008, Revision "B"</div> | | |
| ORGANIZATION | | |
| CITY AND STATE | CONTRACT NUMBER | |
| MATERIAL PROCURED UNDER A <input type="checkbox"/> DIRECT GOVERNMENT CONTRACT <input type="checkbox"/> SUBCONTRACT | | |
| 1. HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE? A. GIVE PARAGRAPH NUMBER AND WORDING. | | |
| B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES | | |
| 2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID | | |
| 3. IS THE SPECIFICATION RESTRICTIVE? <input type="checkbox"/> YES <input type="checkbox"/> NO (If "yes", in what way?) | | |
| 4. REMARKS (Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity) | | |
| SUBMITTED BY (Printed or typed name and activity - Optional) | | DATE |

DD FORM 1426
1 JAN 66

REPLACES EDITION OF 1 OCT 64 WHICH MAY BE USED.

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