

(Project No. 6240-0228)

FED. SUP CLASS
6240

USER SYMBOLS:
REVIEWER SYMBOLS:
USAF - 11, 82
NAVY - AS
ARMY - AV

*Review/user information is correct as of the date of this document.
For future identification of changes in this document, draft identification
should be based on the information in the current editions.

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

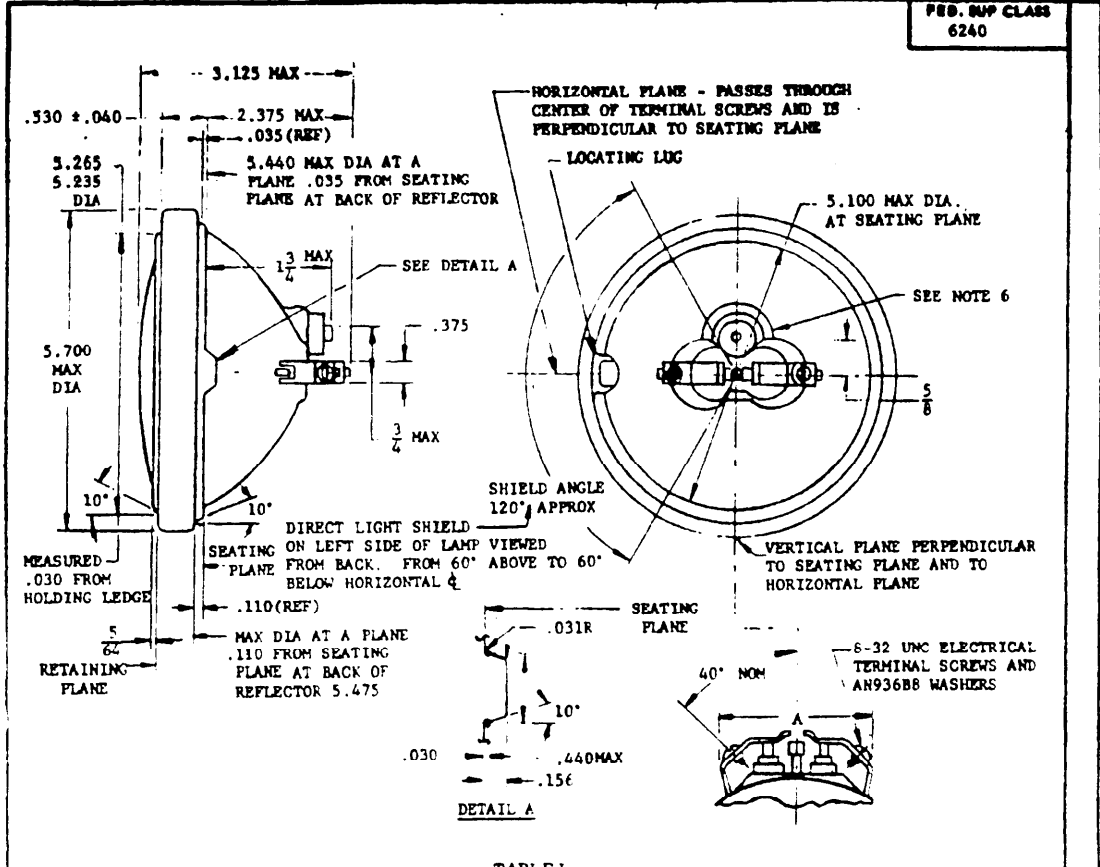


TABLE I

LAMP DESCRIPTION AND PERFORMANCE DATA

DASH NO.	TRADE NO.	MAX WGT LB	RATED VOLTS	INITIAL WATTS	FILAMENT		MINIMUM BEAM CHARACTERISTICS THROUGH OPTICAL AXIS (NOTE 3)				RATED LIFE HOURS (NOTE 2)	COVER GLASS					
					TYPE	WITH OR WITHOUT SHIELD	INTENSITY (CANDELAS)		HORIZ SPREAD	VERT SPREAD		TYPE	NOM RAD				
							INITIAL	AT 70% LIFE									
-4553	4553	1	26	250 ±12.5	CC-6	WITH SHIELD	225,000	157,000	2°	2°	25	CLEAR	34.0 APPROX				
						WITHOUT SHIELD	65,000	45,000	7°	8°							
-4581	4581	1	26	450 ±22.5	CC-6	WITHOUT SHIELD	350,000	210,000	1°	1°	10			CLEAR	34.0 APPROX		
(NOTE 4)	4522	1	13	250 ±12.5	C-2	WITH SHIELD	220,000	155,000	1°	1°	25					CLEAR	34.0 APPROX
-4522						WITHOUT SHIELD	35,000	21,000	12°	12°							
(NOTE 6)	Q4681	1	26	450 ±22.5	CC-6	WITHOUT SHIELD	270,000	240,000	1°	1°	50						
-Q4681						WITH SHIELD	27,000	24,000	14°	8°							

FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

Ⓢ REVISED AND REDRAWN.

F A NAVY - AS Other Code	INTERNATIONAL INTEREST *	TITLE LAMP, INCANDESCENT, PAR-46 BULB, SCREW TERMINAL BASE, LANDING	MILITARY STANDARD MS25241
USAF - 82 ARMY - AV		SUPERSEDES: AN3129	SHEET 1 OF 2
PROCUREMENT SPECIFICATION MIL-L-6363			

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PLATE NO. 15422

APPROVED 12 AUG 57 REVISED 21 MAR 1972

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6240

USED SYMBOLS:

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USAF - 11, R2
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TABLE II

DASH NO.	A MAX.
-4553	2.25
-4581	2.25
-4522	2.25
-Q4681	2.50

NOTES:

- EACH LAMP SHALL BE PERMANENTLY AND LEGIBLY MARKED WITH THE IDENTIFICATION NUMBER, MANUFACTURER'S TRADEMARK OR ABBREVIATION OF MANUFACTURER'S NAME, RATED VOLTS, AND WATTS.
- LIFE TEST CYCLE: 5 MINUTES ON, 5 MINUTES OFF
- MAXIMUM ALLOWABLE DEVIATION OF BEAM AXIS FROM MECHANICAL AXIS: 1.5°.
- 4522 IS NOT FOR AIR FORCE USE.
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS \pm .016 ANGLES \pm 1°.
- "Q" DESIGNATES A QUARTZ - HALOGEN LAMP ENCLOSED IN A PAR ENVELOPE. THE THIRD FILAMENT SUPPORT APPEARS ON THE Q4681 LAMP ONLY.
- MS25241-4553 REPLACES AN3129-4523. AN3129-4523 CANNOT ALWAYS REPLACE MS25241-4553 AND SHOULD BE USED ONLY UNTIL EXISTING STOCK IS DEPLETED.

* CERTAIN PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT (ASCC 12/2 STANAG 3544). WHEN REVISION, OR CANCELLATION OF THIS 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.

APPROVED 12 AUG 57 REVISED (E) FOR CHANGES SEE SHEETS 1 AND 2

P.A. NAVY-AS Other Code USAF-82 ARMY-AV	INTERNATIONAL INTEREST	TITLE LAMP, INCANDESCENT, PAR-46 BULB, SCREW TERMINAL BASE, LANDING	MILITARY STANDARD MS25241
PROCUREMENT SPECIFICATION MIL-L-6363	SUPERSEDES: AN3129		SHEET 2

DD FORM 672-1 (Coordinated)

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