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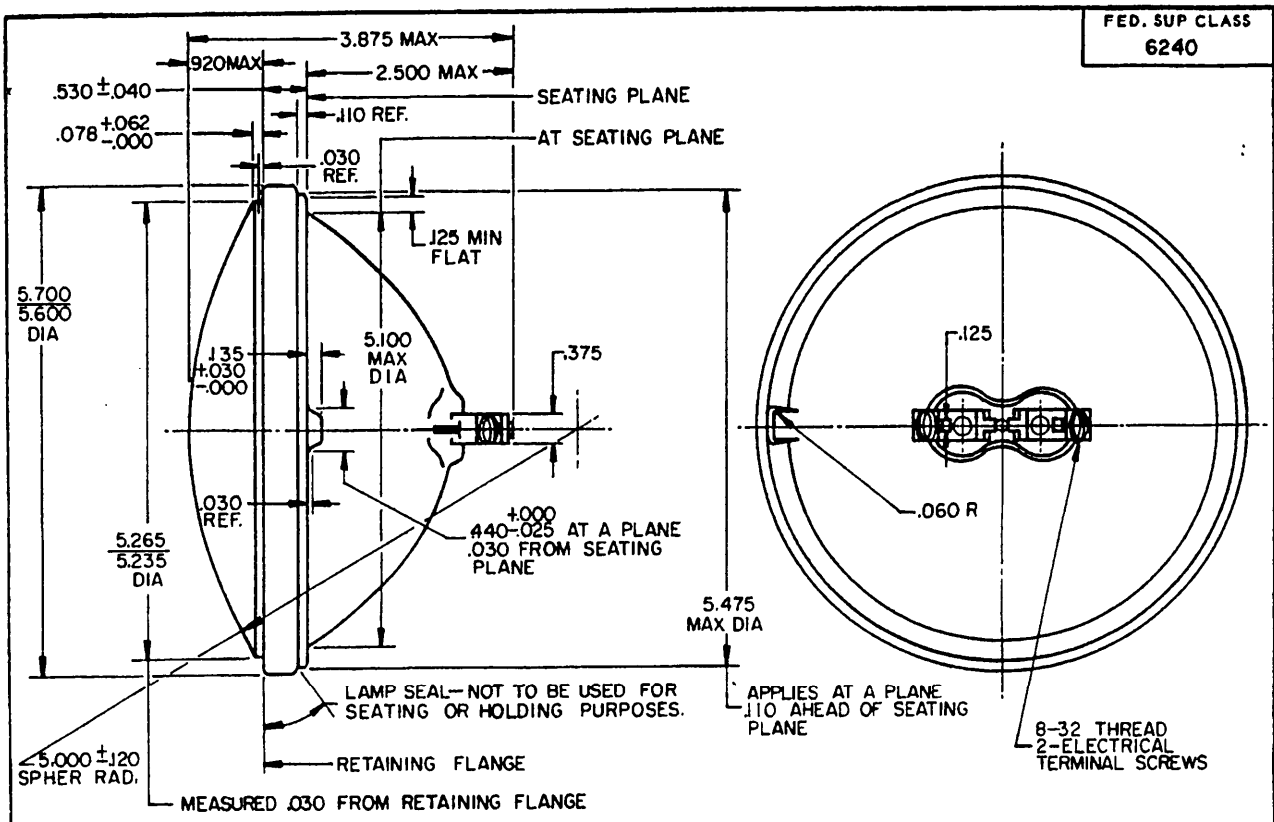

TABLE I
PHOTOMETRIC TEST POINT VALUES (SEE NOTE 2)
MEASURED 60 FEET FROM LAMP

MS PART NO.	APPROXIMATE MAXIMUM INITIAL CANDLEPOWER	APPROX. BEAM PATTERN SPREAD TO 10% OF MAX CANDLEPOWER	
		HORIZONTAL AXIS	VERTICAL AXIS
MS 18005-4435	75,000	5 DEGREES	5 DEGREES
MS 18005-4525	6,500	4 DEGREES	4 DEGREES
MS 18005-4530	100,000	11 DEGREES	11 DEGREES
MS 18005-4533	50,000	7 DEGREES	7 DEGREES
MS 18005-4535	95,000	5-1/2 DEGREES	4 DEGREES

MS PART NO.	FORMER PART NO.	RATED		DESIGN		FILAMENT TYPE	RATED AVG. LAB LIFE	DESCRIPTION
		VOLTS	WATTS	VOLTS	AMPS			
MS 18005-4435	ORD 446660	12	30	12.8	2.34	CC-6	100 HRS.	CLEAR GLASS LENS, FILAMENT SHIELD
MS 18005-4525	————	3.7	2.2	3.7	0.6	C-6	200 HRS.	CLEAR GLASS LENS
MS 18005-4530	ORD 193141	24	135	26.0	5.3	4CC-8	50 HRS.	CLEAR GLASS LENS, FILAMENT SHIELD
MS 18005-4533	ORD 193138	6	40	6.5	6.6	5C-8	50 HRS.	CLEAR GLASS LENS, FILAMENT SHIELD
MS 18005-4535	ORD 444279	6	30	6.4	4.69	C-6	100 HRS.	CLEAR GLASS LENS, FILAMENT SHIELD

NOTES:

1. TYPE III (AUTOMOTIVE) OF PROCUREMENT SPECIFICATION EXCEPT MS 18005-4525, WHICH IS TYPE I (GENERAL SERVICE).
2. LAMPS SHALL BE IN ACCORDANCE WITH SAE STANDARD ON SPOT LAMPS, SAE J591 (EXCEPT FOR PHOTOMETRIC VALUES AS SHOWN ABOVE).
3. THE PHOTOMETRY CONSISTS OF MEASURING (1) THE MAXIMUM CANDLEPOWER AND (2) APPROXIMATE BEAM PATTERN SPREAD TO TEN PER CENT OF MAXIMUM CANDLEPOWER.
4. MS DASH NUMBERS CORRELATE WITH LAMP INDUSTRY TRADE NUMBERS.
5. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES, TOLERANCE, ±.010 ON DECIMALS.
6. MARKING SHALL CONSIST OF THE MS DASH NUMBER, VOLTAGE RATING, AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.
7. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS, AND REFERENCED DOCUMENTS.
8. FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

APPROVED 23 NOVEMBER 1962 REVISED

NOTICE.—When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

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

P.A. MO Other Cust Navy—Ships AF—ASD	TITLE LAMP, INCANDESCENT—SEALED BEAM, PAR 46 SPOT LAMP, 2 SCREW TERMINAL TYPE	MILITARY STANDARD MS 18005
PROCUREMENT SPECIFICATION W-L-50	SUPERSEDES: DLAX3.1(IN PART)	SHEET 1 OF 1

DD FORM 672-1 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.