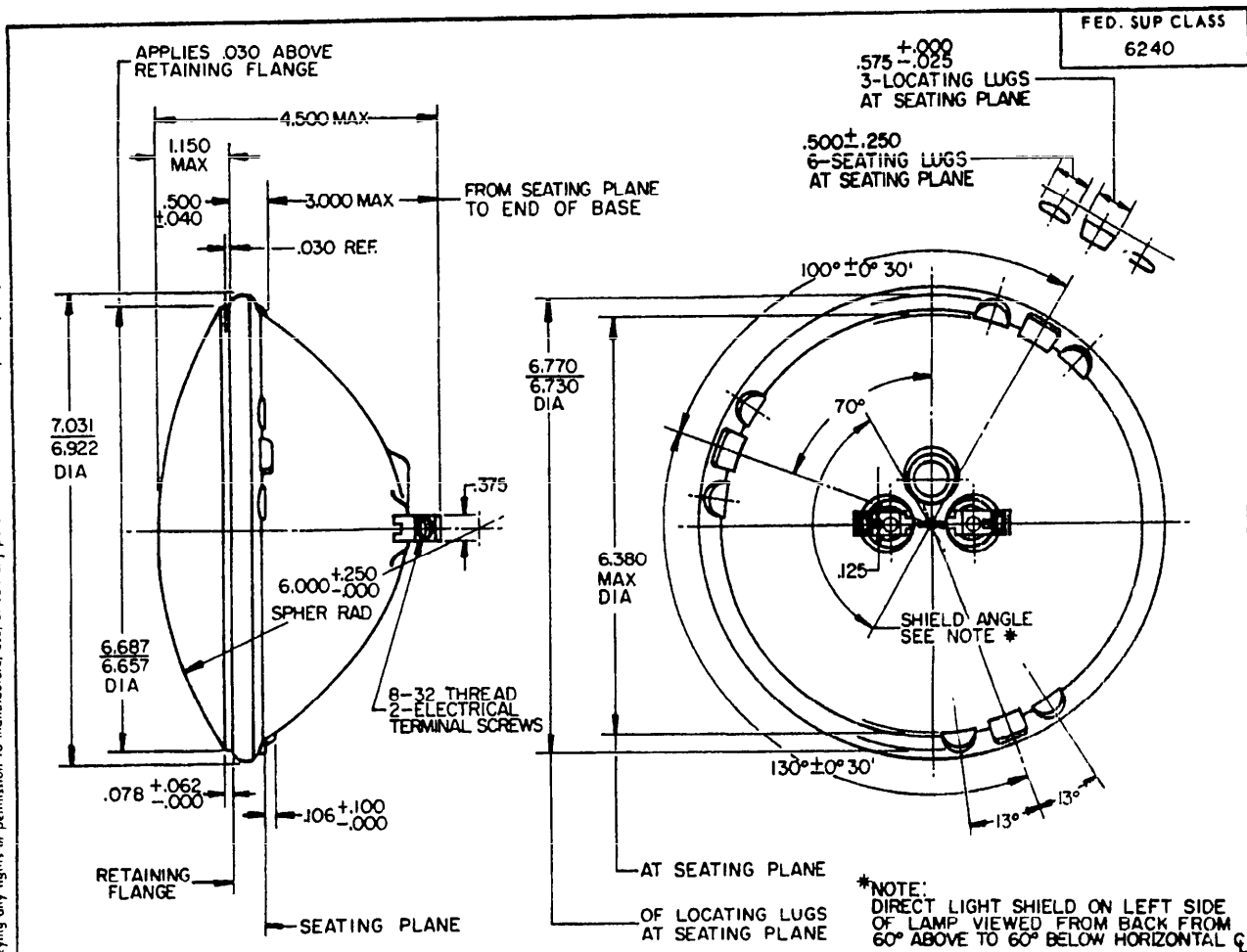


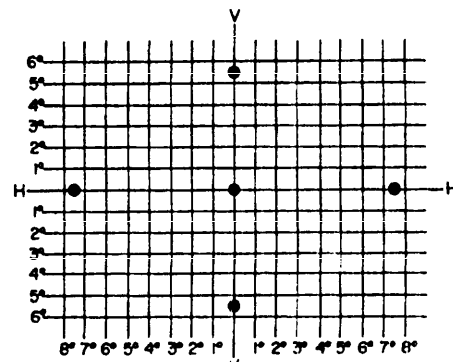
NOTICE.—When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, 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.



PHOTOMETRIC TEST POINT VALUES
MEASURED 60 FEET FROM LAMP.

APPROXIMATE MAXIMUM INITIAL CANDLEPOWER—430,000

APPROXIMATE BEAM PATTERN SPREAD TO 10% OF MAX
CANDLEPOWER—15 DEGREES HORIZONTAL AXIS—11 DEGREES
VERTICAL AXIS



PHOTOMETRIC TEST POINTS

MS PART NO.	RATED		DESIGN		FILAMENT TYPE	RATED AVG LAB LIFE	DESCRIPTION
	VOLTS	WATTS	VOLTS	AMPERES			
MS 18007 -4541	28	450	28	16.1	C-13	25 HRS	CLEAR GLASS LENS, FILAMENT SHIELD

NOTES:

1. TYPE II (AVIATION) OF PROCUREMENT SPECIFICATION.
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 10 PER CENT OF MAXIMUM CANDLEPOWER.
4. LIFE OF LAMP IS RATED UNDER THE FOLLOWING SPECIFIED TEST CONDITIONS: 5 MINUTES ON AND 5 MINUTES OFF.
5. MS DASH NUMBER CORRELATES WITH LAMP INDUSTRY TRADE NUMBER.
6. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES, TOLERANCES ±.010 ON DECIMALS, ±1° ON ANGLES.
7. MARKING SHALL CONSIST OF THE MS DASH NUMBER, VOLTAGE RATING AND MANUFACTURERS IDENTIFICATION, IN ACCORDANCE WITH MIL-STD-130.
8. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS, AND REFERENCED DOCUMENTS.
9. FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

P.A MO	TITLE	MILITARY STANDARD
Other Cust	LAMP, INCANDESCENT — SEALED BEAM,	
Navy—Ships	PAR 56, SPOT LAMP,	
AF—ASD	2 SCREW TERMINAL TYPE	
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 1 OF 1
W-1-50		

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.

APPROVED 23 NOVEMBER 1962 REVISED