



DASH NO.		LENS COLOR
WITH DIMMER FEATURE	WITHOUT DIMMER FEATURE	
-1	-5	COLORLESS
-2	-6	RED
-3	-7	GREEN
-4	-8	YELLOW
-10	-11	BLUE
-12	-13	NVG GREEN *

LAMP REF	
PART NO.	VOLTAGE
MS25237-327	28
MS25237-328	6

DIMENSIONS IN INCHES.

THE PART NUMBER MARKED ON THE ASSEMBLY SHALL BE THAT OF THE COMPLETE ASSEMBLY, LESS LAMP.
THE PART NUMBER FOR THE ASSEMBLY WITH LAMP SHALL CONSIST OF THE MS PART NUMBER FOR THE ASSEMBLY WITH AN ADDITIONAL DASH NUMBER, WHICH IS THE TRADE NUMBER OF THE LAMP.
EXAMPLE OF PART NUMBER: MS25041-2-3E7 - LIGHT, INDICATOR, PRESS TO TEST, WITH LAMP.
THE PART NUMBER FOR THE ASSEMBLY WITH LAMP SHALL BE MARKED ON THE SHIPPING CONTAINER ONLY.

(G) * NVG Green (Night Vision Goggle Green) Lens color for -12 and -13 shall have spectral transmission characteristics corresponding to the following requirements.

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.

P.A. USAF - 82 Other Cust Navy - AS AF - 99	TITLE LIGHT, INDICATOR, PRESS TO TEST, SMALL	MILITARY STANDARD MS25041
PROCUREMENT SPECIFICATION MIL-L-7961	SUPERSEDES:	SHEET 1 OF 2

USER ACTIVITIES: ARMY - AT, ME

REVIEWER ACTIVITIES: DLA - GS

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APPROVED 16 Oct 53 REVISED A 24 Nov 53 B 22 Mar 54 C 7 Mar 56 D 23 May 58 E 25 May 59 F 20 Oct 61 G 24 DEC 85

G) Peak transmission:

The peak transmission of the filter on a graph of measured transmission versus wavelength shall be $60\pm 3\%$.

Peak wavelength: The wavelength at which peak transmission occurs on a graph of measured transmission versus wavelength shall be 480 ± 20 nanometers.

Red transmission: The λ of transmission for each wavelength shown shall not be exceeded. The percentage of transmission for the wavelengths between two corresponding numbers shall not exceed the higher of the two corresponding transmittance numbers. Wavelengths are in nanometers.

Wavelength (NM)	Transmittance	Wavelength (NM)	λ Transmittance
550	25	900	0.005
600	5	950	0.014
650	0.11	1000	0.048
700	0.009	1050	0.127
750	0.002	1100	0.308
800	0.002	1150	0.660
850	0.003	1200	1.2

User activities: ARMY - AT, ME

Review activities: DLA - GS

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APPROVED
REVISED (C) FOR CHANGES SEE SHEETS 1 AND 2

P.A. USAF - 82 Other Code Navy - 4S AF - 99	TITLE LIGHT, INDICATOR, PRESS TO TEST, SMALL	MILITARY STANDARD
		MS 25041
PROCUREMENT SPECIFICATION MIL - L - 7961	SUPERSEDES:	SHEET 2 OF 2