

NOT MEASUREMENT  
SENSITIVE

MIL-C-25050A  
AMENDMENT 2  
30 March 1989  
SUPERSEDING  
AMENDMENT 1  
30 September 1971

MILITARY SPECIFICATION  
COLOR, AERONAUTICAL LIGHTS AND LIGHTING EQUIPMENT,  
GENERAL REQUIREMENTS FOR

This amendment forms a part of MIL-C-25050A,  
dated 2 December 1963, and is approved for use by all  
Departments and Agencies of the Department of Defense.

PAGE 1

1.2, add new colors under Type I as follows:

- "(g) Instrument and panel lighting white"
- "(h) Blue-filtered white"
- \*"(i) Instrument and panel lighting blue-green"

delete "'FSC 7650" and substitute "FSC 6220"

PAGE 2

Add the following paragraph:

\* "2.2 Streamlining. This document has been streamlined. Appendix A to MIL-C-25050A lists those documents required for acquisition and is a mandatory part of MIL-C-25050A. All other documents, referenced through tiering, may be used as guidance and information to supplement MIL-C-25050A. MIL-C-25050A is a streamlined document."

PAGE 5

3.1.7, add new color as follows: (For Army and Navy use)

"Instrument and panel lighting white, Type I (g) is any color which:  
x is not less than 0.48, or greater than 0.54 and y-y<sub>0</sub> is not  
numerically greater than 0.01."

AMSC N/A

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

FSC 6220

MIL-C-25050A  
AMENDMENT 2

3.1.8, add new color as follows: (For Air Force use)

"Blue-filtered white, Type I (h) is any color for which:

x is not less than 0.420, or greater than 0.460, and y is not less than 0.385, or greater than 0.425."

\*3.1.9, add new color as follows: (For Airforce Use )

"Instrument and panel lighting blue-green, Type I (i) is any color for which : x is not less than 0.02 or greater than 0.19, and y is not less than 0.18 or greater than 0.44."

PAGE 8

TABLE II, last line (color temperature °K), delete "2,165 to 1,800" and substitute "2,400 to 1,900"

PAGE 9

3.5.1.5, delete and substitute new paragraph as follows:

"3.5.1.5 Aviation and instrument panel lighting white colorless ware. - The light transmitted by the ware furnished shall not be noticeably different in chromaticity from the illuminant."

PAGE 18

Add the following paragraphs:

\* "6.5 Streamlining. For MIL-C-25050A acquisitions, the required portions of all MIL-C-25050A tier reference documents shall be limited to the portions described in the "Applicability" column of Table I in Appendix A."

\* "6.6 Tailoring. When MIL-C-25050A is tailored in an acquisition, Appendix A must be tailored accordingly."

MIL-C-25050A  
AMENDMENT 2

Add Appendix as follows:

MIL-C-25050A  
APPENDIX A

STREAMLINING INFORMATION

10. SCOPE

10.1 Scope. This Appendix is a list of documents referenced in MIL-C-25050A or tiered to documents referenced in MIL-C-25050A. This Appendix is a mandatory part of this specification. The information contained herein is intended for compliance.

10.2 Application. This Appendix identifies the applicability of the documents referenced in MIL-C-25050A through the fifth tier. Only that portion of a document, listed in Table I of this Appendix and described in the "Applicability" column, is pertinent in the use of MIL-C-25050A. If MIL-C-25050A is tailored in acquisition, this appendix must also be tailored.

20. Documents. The documents listed herein and their applicability have been identified as required. All other documents referenced through tiering are not considered required and may be used for guidance and information.

MIL-C-25050A  
AMENDMENT 2\*TABLE I. REQUIRED DOCUMENTS AND CORRESPONDING APPLICABILITY DATA

DOCUMENT NUMBER:	DOCUMENT TITLE:	APPLICABILITY:	REFERENCED BY:
<u>First Tier (1 of 2 documents)</u> MIL-L-25467D	Lighting, Integral, Red, Aircraft Instrument, General Specification For	Test Methods: Color Brightness and Brightness Measurements	MIL-C-25050A
<u>Second through Fifth Tiers</u>	All second through fifth tier references, tiered to MIL-L-25467D, are for guidance and information.		
<u>First Tier (2 of 2 documents)</u> FED-STD. No. 3	Colors, Aeronautical Lighting	Selection of Working Standards	MIL-C-25050A
<u>Second through Fifth Tiers</u>	All second through fifth tier references, tiered to FED-STD. No. 3, are for guidance and information.		

MIL-C-25050A  
AMENDMENT 2

"The margins of this amendment are marked with an asterisk or vertical lines to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire document irrespective of the marginal notations and relationship to the last previous amendment."

Custodians:  
Army - AV  
Air Force - 11

Preparing Activity  
Navy - AS  
(Project No. 6220-1010)

Review Activities:  
Army - MI  
Air Force - 99  
DLA - GS

User Activities:  
ARMY - ME