

INCH-POUND

MIL-DTL-3661/33A

15 October 2024

SUPERSEDING

MIL-L-3661/33

27 March 1967

AMENDMENT 1

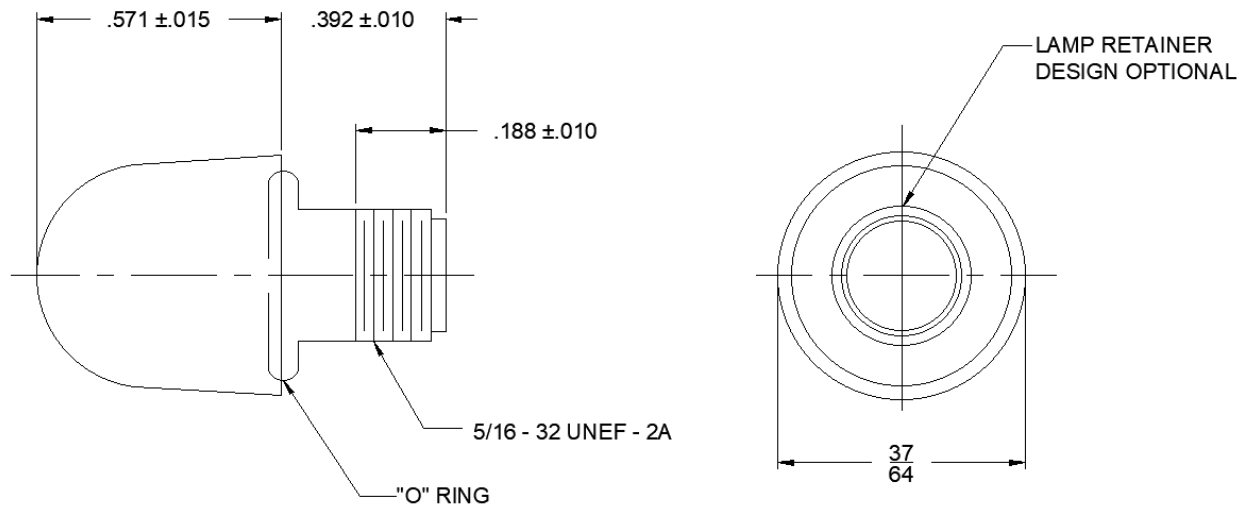
24 June 2003

DETAIL SPECIFICATION SHEET

LENSES, INDICATOR-LIGHT, WATERTIGHT, STYLE LC33

This specification is approved for use by all
Departments and Agencies of the Department of Defense

The requirements for acquiring the product described herein shall consist of this specification sheet and
MIL-DTL-3661



inches	mm
0.010	0.25
0.015	0.38
0.188	4.78
5/16	7.94
0.392	9.96
0.571	14.50
37/64	14.68

AMSC N/A

DISTRIBUTION STATEMENT A: Approved for public release; Distribution is unlimited

FSC 6210



FIGURE 1. Design and Construction

NOTES:

1. Dimensions are in inches. Unless otherwise specified, tolerances are $\pm 1/32$ inch for fractions.
2. Metric equivalents (to the nearest 0.01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.

REQUIREMENTS:

1. Design and construction: See figure 1.
2. The lens shall accept a type C7A (MIL-DTL-15098/11 part no. M15098/11-001) or a C9A (MIL-DTL-15098/11 part no. M15098/11-002) neon lamp.
3. Temperature cycling: -55°C to +71°C.
4. Sealing: Watertight.

TABLE I. Designations and characteristics

Type designation	Mating holder	Lens material	Transmittance	Lens color
LC33RN2	LH88/1 and 2 ¹	Plastic	Non-diffusing	Red
LC33YN2	LH88/1 and 2 ¹	Plastic	Non-diffusing	Yellow
LC33WT2	LH88/1 and 2 ¹	Plastic	Translucent	White ²
LC33CN2	LH88/1 and 2 ¹	Plastic	Non-diffusing	Colorless

¹ From MIL-DTL-3661/46² Transmittance suitable for use with neon lamp.

Referenced documents. In addition to MIL-DTL-3661, this document references the following:

MIL-DTL-15098/11

MIL-DTL-3661/46

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:

Army – CR

Navy – AS

Air Force – 71

DLA – GS2

Preparing Activity:

DLA – CC

(Project 6210-2024-032)

Review Activities:

Army – CR4, MI

Navy – MC

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.