

INCH-POUND

MIL-DTL-3661/28C

17 September 2024

SUPERSEDING

MIL-L-3661/28B

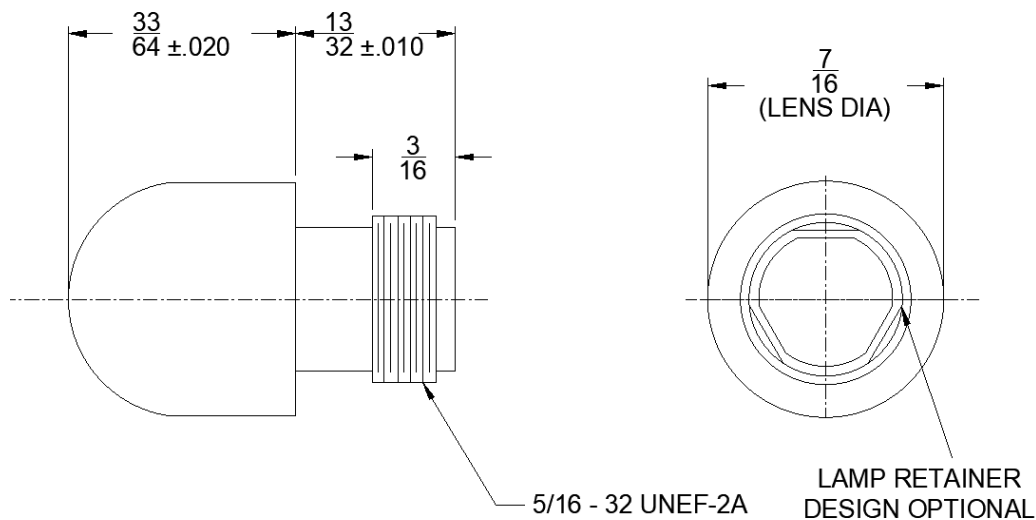
24 October 1989

DETAIL SPECIFICATION SHEET

LAMPHOLDERS, INDICATOR LIGHTS, INDICATOR-LIGHT HOUSING, AND INDICATOR-LIGHT LENSES, (ELECTROMAGNETIC INTERFERENCE TYPE) DUSTTIGHT LENS, STYLE LC28

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
0.020	0.51
3/16	4.76
5/16	7.94
13/32	10.32
7/16	11.11
33/64	13.10

FIGURE 1. Style LC28 lenses.

AMSC N/A

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

FSC 6210



NOTES:

1. All 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
3. Lens design optional provided the dimensions specified are not exceeded and the lens configuration shall provide an hemispherical light distribution when illuminated.

REQUIREMENTS:

1. Design and construction: See figure.
2. Lens shall accommodate one type C7A (MIL-DTL-15098/11-001) or C9A (MIL-DTL-15098/11-002) neon lamp and shall contain an integral metal mesh.
3. Temperature cycling: -55°C to +71°C.
4. Sand and Dust: (Dusttight).

TABLE I. Style LC28 lenses.

Type designation	Mating Holder	Lens Material	Transmittance	Lens Color
LC28RN2	LH74/3 and LH74/4	Plastic	Nondiffusing	Red
LC28YN2	LH74/3 and LH74/4	Plastic	Nondiffusing	Yellow
LC28WT2	LH74/3 and LH74/4	Plastic	Translucent	White ^{1/}
LC28CN2	LH74/3 and LH74/4	Plastic	Nondiffusing	Colorless

^{1/} The transmittance shall be suitable for use with a neon lamp.

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

MIL-DTL-15098/11

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.

CONCLUDING MATERIAL

Custodians:

Army – CR4
Navy – AS
DLA – GS2

Preparing activity:

DLA – CC
(Project 6210-2024-022)

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>.