

INCH-POUND

MIL-DTL-3661/11C

7 July 2024

SUPERSEDING

MIL-L-3661/11B

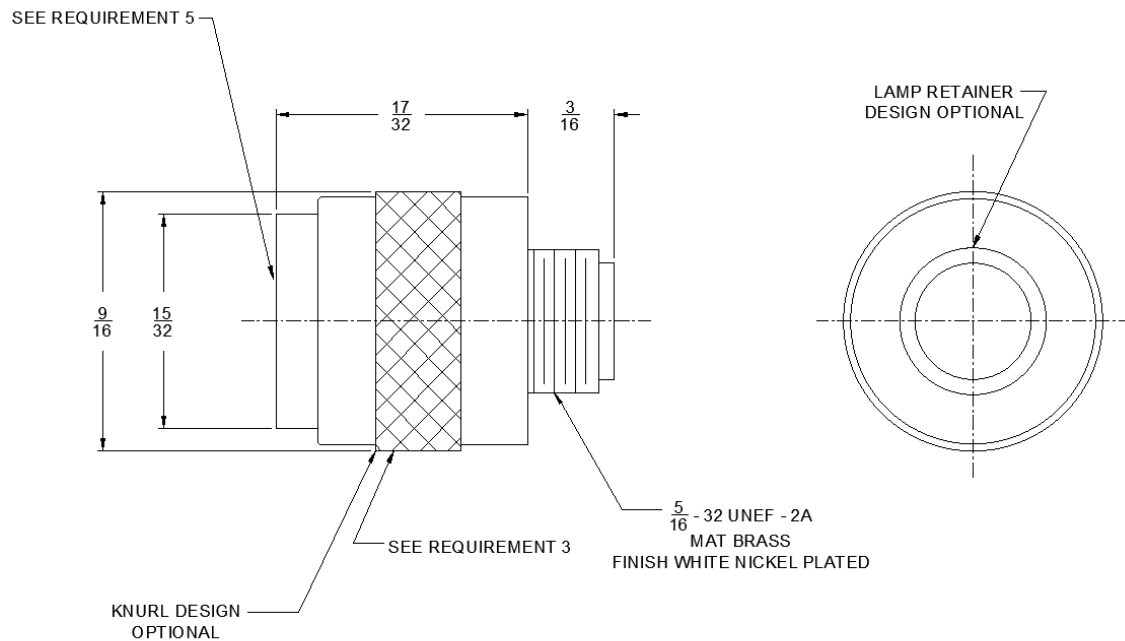
9 June 1969

## DETAIL SPECIFICATION SHEET

### LAMPHOLDERS, INDICATOR LIGHTS, INDICATOR-LIGHT HOUSINGS AND INDICATOR-LIGHT LENSES, (FLAT, ROTATABLE) DUST-TIGHT, LENS, STYLE LC11

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    |
|--------|-------|
| 3/16   | 4.76  |
| 5/16   | 7.94  |
| 15/32  | 11.91 |
| 17/32  | 13.49 |
| 9/16   | 14.29 |

FIGURE 1. Design and construction

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 all  $\pm 1/32$  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. Lens design: Shall be orientable.
3. Lens holder material shall be aluminum and the finish shall be black anodize.
4. The lens shall accommodate on T-1-3/4 midget flange base incandescent lamp.
5. Numbers and letters may be hot stamped on lens face in accordance with the "Ordering data" paragraph of MIL-DTL-3661. Legend information:  
(a) Size of type for legend:

| Number of characters | Character height nearest fraction | Type size |
|----------------------|-----------------------------------|-----------|
|                      | (Inch)                            | (Points)  |
| One                  | 13/64                             | 18        |
| Two                  | 11/64                             | 14        |
| Three                | 9/64                              | 12        |
| Four                 | 5/64                              | 8         |

(b) Maximum number of digits: Two lines, 4 digits per line, 8 point type size.

(c) Hot stamping standard: Black letters, white, red, green, blue, or silver, can be supplied on request.

6. Temperature cycling: -55°C to +71°C.
7. Sand and dust: (Dust-tight).

TABLE I: Designations and characteristics

| Type designation     | Mating holder       | Lens material | Transmittance | Lens color |
|----------------------|---------------------|---------------|---------------|------------|
| LC11RN2              | LH73/1 <sup>3</sup> | Plastic       | Nondiffusing  | Red        |
| LC11GN2              | LH73/1 <sup>3</sup> | Plastic       | Nondiffusing  | Green      |
| LC11YN2              | LH73/1 <sup>3</sup> | Plastic       | Nondiffusing  | Yellow     |
| LC11BN2              | LH73/1 <sup>3</sup> | Plastic       | Nondiffusing  | Blue       |
| LC11CN2              | LH73/1 <sup>3</sup> | Plastic       | Nondiffusing  | Colorless  |
| LC11RT2              | LH73/1 <sup>3</sup> | Plastic       | Translucent   | Red        |
| LC11GT2              | LH73/1 <sup>3</sup> | Plastic       | Translucent   | Green      |
| LC11YT2              | LH73/1 <sup>3</sup> | Plastic       | Translucent   | Yellow     |
| LC11BT2              | LH73/1 <sup>3</sup> | Plastic       | Translucent   | Blue       |
| LC11WT2              | LH73/1 <sup>3</sup> | Plastic       | Translucent   | White      |
| LC11GD2 <sup>1</sup> | LH73/1 <sup>3</sup> | Plastic       | Diffusing     | Green      |
| LC11RD2 <sup>1</sup> | LH73/1 <sup>3</sup> | Plastic       | Diffusing     | Red        |
| LC11RB2 <sup>2</sup> | LH73/1 <sup>3</sup> | Plastic       | Translucent   | Red        |

TABLE I: Designations and characteristics – Continued

| Type designation     | Mating holder       | Lens material | Transmittance | Lens color |
|----------------------|---------------------|---------------|---------------|------------|
| LC11GR2 <sup>2</sup> | LH73/1 <sup>3</sup> | Plastic       | Translucent   | Green      |
| LC11YB2 <sup>2</sup> | LH73/1 <sup>3</sup> | Plastic       | Translucent   | Yellow     |
| LC11BB2 <sup>2</sup> | LH73/1 <sup>3</sup> | Plastic       | Translucent   | Blue       |
| LC11WB2 <sup>2</sup> | LH73/1 <sup>3</sup> | Plastic       | Translucent   | White      |

<sup>1</sup>Not recommended for new design.

<sup>2</sup>To be used only to enable the engraving of color legends when required. Only the legend will show in color. The black color shall be lusterless

<sup>3</sup>From MIL-DTL-3661/5

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

MIL-DTL-3661/5

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 – EC

Air Force – 71

DLA – GS2

Preparing Activity:

DLA – CC

(Project 6210-2024-016)

Review Activities:

Army – CR4

Navy – AS, 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>.