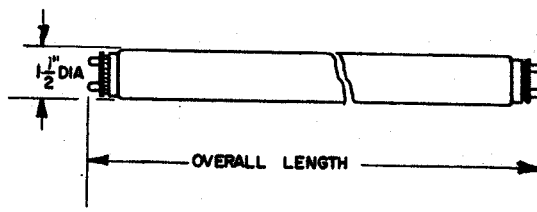


Review activities:
Army - ME
Navy - SH
Air Force - 82
User activities:
Army - None
Navy - YD
Air Force - None



| MS part number | Industry number ¹ | Watts | Overall length ² (inches) | Hours life (approx) | Initial lumen (approx) | Lumens at 40% rated life (approx) | Use |
|----------------|------------------------------|-------|--------------------------------------|---------------------|------------------------|-----------------------------------|---|
| MS15589-2 | F20T12/W | 20 | 24 | 7500 | 1060 | 900 | Overhead fluorescent lighting units |
| MS15589-3 | F15T12/W | 15 | 18 | 7500 | 700 | 595 | Overhead or mirror lighting units |
| MS15589-4 | F20T12/D | 20 | 24 | 7500 | 920 | 780 | Overhead broad band blue lighting units in CIC spaces |
| MS15589-5 | F20T12/CW | 20 | 24 | 7500 | 1030 | 875 | Overhead fluorescent lighting units |
| MS15589-6 | F15T12/CW | 15 | 18 | 7500 | 680 | 580 | Overhead fluorescent lighting units |

¹For use with special fluorescent lighting ballast, proportional to circuit voltages.

²Nominal overall length in inches of lamp is overall length of one lamp assembled in two lampholders, each 3/8 inches thick.

NOTES:

1. For design feature purposes, this standard takes precedence over procurement documents referenced herein.

2. Referenced documents shall be of the issue in effect on date of invitation for bids.

(H) CANCELED AFTER 30 JUNE 1981

FOR MS15589-2, USE W-L-116/17

FOR MS15589-3, USE W-L-116/14

FOR MS15589-4, USE W-L-116/18

FOR MS15589-5, USE W-L-116/16

FOR MS15589-6, USE W-L-116/13

The only change in this revision consists of inserting the figure which was inadvertently omitted from revision F.

Project 6240-0197

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

| | | | |
|--------------------------------------|---|-------------------|--------|
| P.A. SH Other Cust ME 82 | TITLE LAMPS, FLUORESCENT, T-12, MEDIUM BIPIN | MILITARY STANDARD | |
| | | MS | 15589 |
| PROCUREMENT SPECIFICATION W-L-116 | SUPERSEDES: | SHEET | 1 OF 1 |

DD FORM 672-1 COORDINATED

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

☆ U. S. GOVERNMENT PRINTING OFFICE: 1968-341-509/A168

H 30 JUN 1981

G 31 May 1968

F 7 February 1968

REVISED

APPROVED 28 SEP 1954