



DASH NO	FINISH	RATED VOLTAGE	RATED CURRENT	MEAN SPHERICAL CANDLEPOWER	AVERAGE LIFE (HRS)
-680	CLEAR	3.0	0.060 ± 10%	0.03 ± 25%	60,000
-683				0.05 ± 25%	40,000
-713			0.075 ± 10%	0.09 ± 25%	16,000
-715			0.115 ± 10%	0.15 ± 25%	
-680AS15			0.060 ± 10%	0.03 ± 15%	60,000
-683AS15			0.05 ± 15%	0.05 ± 15%	40,000
-713AS15			0.075 ± 10%	0.09 ± 15%	16,000
-715AS15			0.115 ± 10%	0.15 ± 15%	

MEAN SPHERICAL CANDLEPOWER (MSCP) MUST BE OBTAINABLE AT RATED VOLTAGE. LAMPS SHALL BE AGED FOR 10 HOURS AT RATED VOLTAGE BEFORE MEASURING MSCP.

MEAN SPHERICAL CANDLEPOWER (MSCP) AT 1,000 HOURS SHALL NOT BE LESS THAN 90% OF INITIAL MSCP WHEN MEASURED AT RATED VOLTAGE EXCEPT IN THE CASE OF 715AS15, WHICH SHOULD NOT BE LESS THAN 85%.

LAMP MANUFACTURER SHALL SUBMIT TEST CERTIFICATION DATA TO PROCURING ACTIVITY TO SUBSTANTIATE LAMP LIFE.

"AS" (AGED AND SELECTED) INDICATES THE LAMPS HAVE BEEN AGED FOR A MINIMUM OF 10 HOURS AT RATED VOLTAGE PRIOR TO SELECTION FOR MSCP.

LEAD WIRES SHALL BE TINNED.

THE VALUES SHOWN FOR AVERAGE LIFE (HRS) ARE TAKEN AT ROOM AMBIENT CONDITIONS AND MAY VARY WITH THE APPLICATION.

ENTIRE STANDARD REVISED.

DIMENSIONS IN INCHES.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

Review activities
USAF 88

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.

APPROVED 15 Jun 54
REVISED A 18 Jun 61 B 18 Dec 68 C 30 Mar 71

P.A. USAF - 11 Other Comd Navy - AS Army - AV	TITLE LAMP, INCANDESCENT - MINIATURE INTEGRAL LIGHTING	MILITARY STANDARD	
		MS24367	
PROCUREMENT SPECIFICATION MIL-L-6163	SUPERSEDES	SHEET	OF