

USER SYMBOLS:

REVIEWER SYMBOLS:

ARMY - AV  
NAVY - EC  
USAF - R2

DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited

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

This military standard is current as of the date of this document. For future continuation of changes to this document, draft coordination should be based on the information in the current EDITIONS.

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

FED. SUP CLASS		F																																																																																																														
6240																																																																																																																
		<table border="1"> <thead> <tr> <th>INCH</th> <th>mm</th> </tr> </thead> <tbody> <tr><td>.025</td><td>0.64</td></tr> <tr><td>.033</td><td>0.84</td></tr> <tr><td>.061</td><td>1.53</td></tr> <tr><td>.067</td><td>1.70</td></tr> <tr><td>.180</td><td>4.57</td></tr> <tr><td>.255</td><td>6.48</td></tr> <tr><td>.300</td><td>7.62</td></tr> <tr><td>.324</td><td>8.24</td></tr> <tr><td>.357</td><td>9.07</td></tr> <tr><td>.366</td><td>9.30</td></tr> <tr><td>.430</td><td>10.92</td></tr> <tr><td>.625</td><td>15.88</td></tr> <tr><td>.9375</td><td>23.80</td></tr> <tr><td>1.088</td><td>27.63</td></tr> </tbody> </table>		INCH	mm	.025	0.64	.033	0.84	.061	1.53	.067	1.70	.180	4.57	.255	6.48	.300	7.62	.324	8.24	.357	9.07	.366	9.30	.430	10.92	.625	15.88	.9375	23.80	1.088	27.63																																																																															
INCH	mm																																																																																																															
.025	0.64																																																																																																															
.033	0.84																																																																																																															
.061	1.53																																																																																																															
.067	1.70																																																																																																															
.180	4.57																																																																																																															
.255	6.48																																																																																																															
.300	7.62																																																																																																															
.324	8.24																																																																																																															
.357	9.07																																																																																																															
.366	9.30																																																																																																															
.430	10.92																																																																																																															
.625	15.88																																																																																																															
.9375	23.80																																																																																																															
1.088	27.63																																																																																																															
<p>CONTACTS</p> <p>INSULATOR</p> <p>NOM LCL .625</p> <p>.430 MAX DIA</p> <p>.9375 MAX</p> <p>.324</p> <p>.300</p> <p>.255</p> <p>.180</p> <p>.067 DIA</p> <p>.033 PROTRUSION (2 PINS EQUALLY SPACED ON CIRCUMFERENCE)</p> <p>.061</p> <p>.366 DIA</p> <p>.357 DIA</p>																																																																																																																
<table border="1"> <thead> <tr> <th>DASH NO AND TRADE NO</th> <th>TYPE PER MIL-L-6363</th> <th>L MIN (SEE NOTE 3)</th> <th>DESIGN POTENTIAL (VOLTS)</th> <th>DESIGN CURRENT (AMPERES)</th> <th>COLOR OF BULB</th> <th>LIGHT OUTPUT (SPHERICAL) CANDLEPOWER</th> <th>AVERAGE LIFE AT DESIGN VOLTS (HOURS)</th> <th colspan="2">SUPERSEDES</th> </tr> <tr> <th colspan="8"></th> <th>MS15571</th> <th>AN3121</th> </tr> </thead> <tbody> <tr> <td>-313</td> <td>1</td> <td>---</td> <td rowspan="3">28</td> <td rowspan="3">17</td> <td>CLEAR</td> <td>3.34 ± 35%</td> <td rowspan="3">500</td> <td>-4</td> <td>-313</td> </tr> <tr> <td>-313R</td> <td>1</td> <td>---</td> <td>RED</td> <td>0.4 APPROX</td> <td></td> <td>-313R</td> </tr> <tr> <td>-313S</td> <td>1</td> <td>1.088</td> <td>CLEAR</td> <td>3.34 ± 35%</td> <td></td> <td></td> </tr> <tr> <td>-316</td> <td>1</td> <td>---</td> <td rowspan="3">6</td> <td rowspan="3">.70</td> <td>CLEAR</td> <td>3.5 ± 25%</td> <td rowspan="3"></td> <td></td> <td></td> </tr> <tr> <td>-316R</td> <td>1</td> <td>---</td> <td>RED</td> <td>0.4 APPROX</td> <td></td> <td></td> </tr> <tr> <td>-316S</td> <td>1</td> <td>1.088</td> <td>CLEAR</td> <td>3.5 ± 25%</td> <td></td> <td></td> </tr> <tr> <td>-1819</td> <td>1</td> <td>---</td> <td rowspan="3">28</td> <td rowspan="3">04</td> <td>CLEAR</td> <td>0.34 ± 35%</td> <td rowspan="3">1000</td> <td>-6</td> <td>-1819</td> </tr> <tr> <td>-1819R</td> <td>1</td> <td>---</td> <td>RED</td> <td>0.04 APPROX</td> <td></td> <td></td> </tr> <tr> <td>-1819S</td> <td>1</td> <td>1.088</td> <td>CLEAR</td> <td>0.34 ± 35%</td> <td></td> <td></td> </tr> <tr> <td>-1829</td> <td>1</td> <td>---</td> <td rowspan="2">20</td> <td rowspan="2">07</td> <td>CLEAR</td> <td>1.1 APPROX</td> <td rowspan="2">2500</td> <td></td> <td></td> </tr> <tr> <td>-1870</td> <td>1</td> <td>---</td> <td>CLEAR</td> <td>3.0 ± 25%</td> <td></td> <td></td> </tr> </tbody> </table>				DASH NO AND TRADE NO	TYPE PER MIL-L-6363	L MIN (SEE NOTE 3)	DESIGN POTENTIAL (VOLTS)	DESIGN CURRENT (AMPERES)	COLOR OF BULB	LIGHT OUTPUT (SPHERICAL) CANDLEPOWER	AVERAGE LIFE AT DESIGN VOLTS (HOURS)	SUPERSEDES										MS15571	AN3121	-313	1	---	28	17	CLEAR	3.34 ± 35%	500	-4	-313	-313R	1	---	RED	0.4 APPROX		-313R	-313S	1	1.088	CLEAR	3.34 ± 35%			-316	1	---	6	.70	CLEAR	3.5 ± 25%				-316R	1	---	RED	0.4 APPROX			-316S	1	1.088	CLEAR	3.5 ± 25%			-1819	1	---	28	04	CLEAR	0.34 ± 35%	1000	-6	-1819	-1819R	1	---	RED	0.04 APPROX			-1819S	1	1.088	CLEAR	0.34 ± 35%			-1829	1	---	20	07	CLEAR	1.1 APPROX	2500			-1870	1	---	CLEAR	3.0 ± 25%		
DASH NO AND TRADE NO	TYPE PER MIL-L-6363	L MIN (SEE NOTE 3)	DESIGN POTENTIAL (VOLTS)	DESIGN CURRENT (AMPERES)	COLOR OF BULB	LIGHT OUTPUT (SPHERICAL) CANDLEPOWER	AVERAGE LIFE AT DESIGN VOLTS (HOURS)	SUPERSEDES																																																																																																								
								MS15571	AN3121																																																																																																							
-313	1	---	28	17	CLEAR	3.34 ± 35%	500	-4	-313																																																																																																							
-313R	1	---			RED	0.4 APPROX			-313R																																																																																																							
-313S	1	1.088			CLEAR	3.34 ± 35%																																																																																																										
-316	1	---	6	.70	CLEAR	3.5 ± 25%																																																																																																										
-316R	1	---			RED	0.4 APPROX																																																																																																										
-316S	1	1.088			CLEAR	3.5 ± 25%																																																																																																										
-1819	1	---	28	04	CLEAR	0.34 ± 35%	1000	-6	-1819																																																																																																							
-1819R	1	---			RED	0.04 APPROX																																																																																																										
-1819S	1	1.088			CLEAR	0.34 ± 35%																																																																																																										
-1829	1	---	20	07	CLEAR	1.1 APPROX	2500																																																																																																									
-1870	1	---			CLEAR	3.0 ± 25%																																																																																																										
<p>REQUIREMENTS:</p> <ol style="list-style-type: none"> <li>THE ENVELOPE NEED NOT HAVE THE SHAPE SHOWN, BUT THE ENVELOPE, INCLUDING ANY COATING THEREON, SHALL BE CONTAINED WITHIN THE OUTLINE SHOWN.</li> <li>THE DASH NUMBER OF THE LAMP, AND THE MANUFACTURER'S TRADEMARK OR AN ABBREVIATION OF THE MANUFACTURER'S NAME, SHALL BE MARKED ON THE BASE OF EACH LAMP.</li> <li>REQUIREMENTS HEREON SHALL BE MET WITH THE DESIGN VOLTAGE LISTED ABOVE, EITHER DC OF 400 ± 20 HERTZ, APPLIED TO THE CONTACTS OF THE LAMP.</li> <li>LIGHT EMITTED BY RED LAMPS SHALL CONFORM TO MIL-C-25050 FOR AVIATION RED EXCEPT THAT IT SHALL NOT BE PALER OR YELLOWER THAN NBS NO. 3215 FILTER. THE COLOR MAY BE ATTAINED BY EITHER COLORED GLASS OR A COATING ON THE GLASS.</li> </ol>																																																																																																																
<p>NOTES:</p> <ol style="list-style-type: none"> <li>DIMENSIONS ARE IN INCHES.</li> <li>METRIC EQUIVALENTS (TO THE NEAREST .01 mm) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4 mm.</li> <li>313S, 316S AND 1819S LAMPS ARE INTENDED FOR SPECIAL APPLICATION IN MS25331 PRESS-TO-TEST INDICATOR LIGHT ASSEMBLIES WHICH REQUIRE MINIMUM LAMP LENGTH SHOWN FOR PROPER OPERATION.</li> </ol>																																																																																																																
<p>*CERTAIN PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT (ASCC 12/2 AND STANAG 3544). WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL AFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.</p>																																																																																																																
<p>FOR DESIGN PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.</p>																																																																																																																
<p>F DENOTES CHANGES</p>																																																																																																																
<p>P.A. NAVY - AS Other Cust</p> <p>ARMY - ME</p> <p>USAF - 99</p>		<p>TITLE</p> <p>LAMPS, INCANDESCENT, CENTER CONTACT, MINIATURE BAYONET BASE (T-3-1/4 BULB)</p>				<p>MILITARY STANDARD</p> <p>MS25231</p>																																																																																																										
<p>PROCUREMENT SPECIFICATION</p> <p>MIL-L-6363</p>		<p>SUPERSEDES:</p> <p>AN3121, MS15571 (IN PART)</p>				<p>SHEET 1 OF 1</p>																																																																																																										