

User activities: Army AV, ME  
Navy MC, SH  
Air Force

Reviewer activities: Army EL, MU  
Navy AS, SH  
Air Force II, 80  
DSA-GS

This military standard is mandatory for use by all Departments and 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 6240																																																																																																																																						
<p><b>REQUIREMENTS:</b></p> <ol style="list-style-type: none"> <li>The material for the lens area shall be plastic, symbol 2(-55°C to +71°C), in accordance with MIL-L-3661.</li> <li>The lens face shall be suitable to accept legends.</li> <li>Marking - Marking shall be in accordance with MIL-L-3661 and as follows: Example: MS18235-1RT-6.3V  <div style="margin-left: 40px;"> <span style="border-bottom: 1px solid black; display: inline-block; width: 20px;"></span> Color  <span style="border-bottom: 1px solid black; display: inline-block; width: 20px;"></span> Transmittance  <span style="border-bottom: 1px solid black; display: inline-block; width: 20px;"></span> Design Volts </div> </li> </ol> <p>Color, transmittance and design volts may be marked on the lamp cartridges at the option of the manufacturer. The complete part number shall be marked on the unit package.</p> <ol style="list-style-type: none"> <li>The lamp cartridges shall be capable of mating with indicator-light housings, styles LH 87 or MIL-L-3661/45 and LH 90/1 and LH 90/2 of MIL-L-3661/48.</li> <li>Aluminum shall be finished as specified in MIL-L-3661.</li> <li>Lens color shall be as specified in MIL-L-3661.</li> </ol>																																																																																																																																						
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<p><b>NOTES:</b></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>Reference documents shall be of the issue in effect on date of invitation for bid.</li> <li>For design feature purposes, this standard takes precedence over documents referenced herein.</li> <li>Hot stamped or engraved lamp cartridges shall not be used. Lamp failure requires replacement of the lamp with another which has identical marking. As a result, spares must be kept on hand to reduce replacement procurement time. Lenses LC 31 or LC 32, in accordance with MIL-L-3661 31 or MIL-L-3661 32, shall be used when legends are required. A colorless face lamp, in accordance with MS 18235 - 1CN, 2CN, or 3CN, shall be used for this type of application.</li> </ol> <p style="text-align: center;">(C) DENOTES CHANGE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">P.A.</th> <th style="width: 20%;">EC</th> <th style="width: 20%;">International Interest</th> <th style="width: 40%;">TITLE</th> <th style="width: 20%;">MILITARY STANDARD</th> </tr> </thead> <tbody> <tr> <td>Other Cust</td> <td>EL 82</td> <td></td> <td>Lamp, cartridge, short cylindrical, plug-in, incandescent, plastic (flat lens type)</td> <td>MS 18235</td> </tr> <tr> <td colspan="3">Procurement Specification</td> <td>SUPERSEDES:</td> <td>SHEET 1 OF 1</td> </tr> </tbody> </table>		P.A.	EC	International Interest	TITLE	MILITARY STANDARD	Other Cust	EL 82		Lamp, cartridge, short cylindrical, plug-in, incandescent, plastic (flat lens type)	MS 18235	Procurement Specification			SUPERSEDES:	SHEET 1 OF 1																																																																																																																						
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