

USER SYMBOLS:

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FED. SUP CLASS 6220											
<p>FASTENER WITH .020 RADIAL FLOAT. FLOAT INCLUDED IN MAX. DIMS.</p> <p>.098^{+0.005}_{-0.000} DIA. HOLE 2 PLACES</p> <p>.171 DIA. HOLE</p> <p>.707 MAX.</p> <p>.353 MAX.</p> <p>.468^{+0.002}</p> <p>.234^{+0.005}</p> <p>.324 MAX.</p> <p style="text-align: center;"><u>MTG. PLAN</u></p>	<p>MS35206-214 ELECTRICAL TERMINAL SCREW</p> <p>MS35333-104 LOCKWASHER</p> <p>MARK PART NO. OF LIGHT WITHOUT LAMP IN THIS AREA</p> <p>.164-32 UNC-2B THREAD</p> <p>.3125 HEX</p> <p>INDEX</p> <p>.375</p> <p>DETENT</p> <p>.040</p> <p>.837</p> <p>3.000 MAX. WITH STEM INSTALLED IN ANY INSTALLATION</p>										
<u>ASSEMBLY OF LIGHT WITH RECEPTACLE</u>											
<p>30 MIN.</p> <p>20 GA. WIRE PER MIL-W-5086 TYPE I</p>	<p>MARK PART NO. OF LIGHT WITH- OUT LAMP IN THIS AREA</p> <p>MS35649-282 MTG NUT</p> <p>.3125 HEX</p> <p>INDEX</p> <p>.375</p> <p>DETENT</p> <p>.040</p> <p>.837</p> <p>MS35333-38 LOCKWASHER</p> <p>.164-32 UNC-2B THREAD</p> <p>2.000 MAX.</p> <p style="text-align: center;">IN ANY INSTALLATION</p>										
<u>ASSEMBLY OF LIGHT WITH SOCKET</u>											
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">MS PART NO.*</th> <th style="text-align: left; padding: 2px;">ITEM</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">MS28799-1</td> <td style="padding: 2px;">RED LIGHT WITH RECEPTACLE</td> </tr> <tr> <td style="padding: 2px;">MS28799-2</td> <td style="padding: 2px;">WHITE LIGHT WITH RECEPTACLE</td> </tr> <tr> <td style="padding: 2px;">MS28799-3</td> <td style="padding: 2px;">RED LIGHT WITH SOCKET</td> </tr> <tr> <td style="padding: 2px;">MS28799-4</td> <td style="padding: 2px;">WHITE LIGHT WITH SOCKET</td> </tr> </tbody> </table> <p>*LIGHT WITHOUT LAMP</p>		MS PART NO.*	ITEM	MS28799-1	RED LIGHT WITH RECEPTACLE	MS28799-2	WHITE LIGHT WITH RECEPTACLE	MS28799-3	RED LIGHT WITH SOCKET	MS28799-4	WHITE LIGHT WITH SOCKET
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<div style="border: 1px solid black; display: inline-block; padding: 2px 5px;">B</div> REDRAWN											
<p>P.A. NAVY - AS Other Cust</p> <p>USAF - 99 ARMY - ME</p>	<p>TITLE</p> <p style="text-align: center;">LIGHT, COCKPIT, AIRCRAFT, INSTRUMENT, POST TYPE, UNIVERSAL</p>										
<p>PROCUREMENT SPECIFICATION MTI-1-5057</p>	<p>SUPERSEDES:</p> <p style="text-align: center;">MS28799(WEP)</p>										
<p>MILITARY STANDARD</p> <p style="font-size: 1.5em;">MS28799</p>											
<p>SHEET 1 OF 2</p>											
<p>PROJECT NO. 6220-0252 PLATE NO. 2208</p>											

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

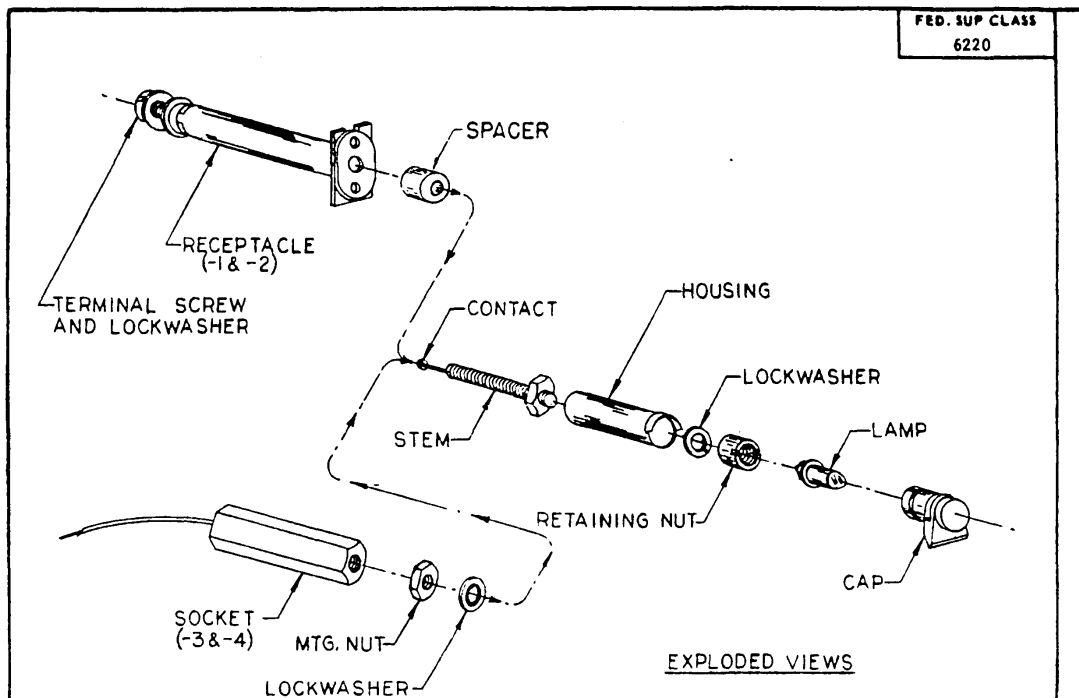
APPROVED 17 MAR 61 REVISED (B) 28 FEB 79

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EXPLODED VIEWS

REQUIREMENTS:

1. PART NUMBERS OF LIGHTS WHICH INCLUDE LAMPS SHALL BE MARKED ON THEIR SHIPPING CONTAINERS ONLY.
2. FOR FLANGE-MOUNTED INSTRUMENTS INSTALLED WITH MOUNTING FLANGE ON FRONT (DIAL) SIDE OF INSTRUMENT PANEL, USE LIGHT WITH RECEPTACLE. USE SPACER FOR COUNTERBORED INSTRUMENTS - DISCARD FOR NON-COUNTERBORED INSTRUMENTS.
3. FOR FLANGE-MOUNTED INSTRUMENTS INSTALLED WITH MOUNTING FLANGE ON BACK SIDE OF INSTRUMENT PANEL, USE LIGHT WITH SOCKET. DISCARD MOUNTING NUT AND LOCKWASHER IF INSTRUMENT INCLUDES MOUNTING NUTS.
4. FOR CLAMP-MOUNTED INSTRUMENTS, USE LIGHT WITH RECEPTACLE AND SPACER.
5. HOUSING SHALL BE FREE TO ROTATE WITHOUT LIMIT ON THE STEM UNTIL RETAINING NUT IS TIGHTENED.
6. INDEX SHALL PREVENT CAP FROM BEING INSTALLED ON HOUSING IN MORE THAN ONE ORIENTATION.
7. THE DETENT SHALL RETAIN THE CAP ON THE HOUSING.
8. WEIGHT: 0.04 LB MAX.
9. OPTICAL PATHS OF WHITE LIGHTS SHALL BE COLOR NON-SELECTIVE.

NOTES:

1. IF MS25237-327 LAMP IS DESIRED, ADD SUFFIX -327 TO PART NUMBER OF LIGHT WITHOUT LAMP. IF MS25237-328 LAMP IS DESIRED, ADD SUFFIX -328 TO PART NUMBER OF LIGHT WITHOUT LAMP.
2. DIMENSIONS ARE IN INCHES.
3. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± 0.016 , ANGLES $\pm 1^\circ$.
4. LIGHTS SHALL BE IN ACCORDANCE WITH MIL-L-5057.
5. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS, OR REQUEST FOR PROPOSAL EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.
6. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

APPROVED 17 MAR 61 B FOR CHANGES SEE SHT 1 AND 2

P.A. NAVY - AS Other Cust USAF - 99 ARMY - ME	TITLE LIGHT, COCKPIT, AIRCRAFT, INSTRUMENT, POST TYPE, UNIVERSAL	MILITARY STANDARD MS28799
PROCUREMENT SPECIFICATION MIL-L-5057	SUPERSEDES: MS28799(WEP)	SHEET 2 OF 2

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PROJECT NO. 6220-0252 PLATE NO. 23065