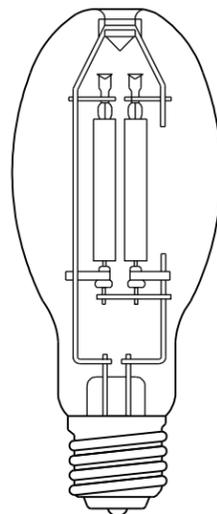
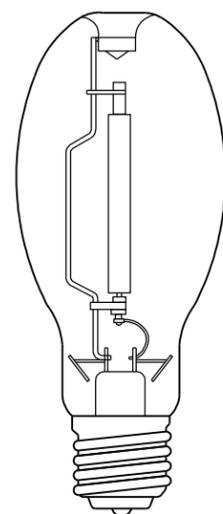


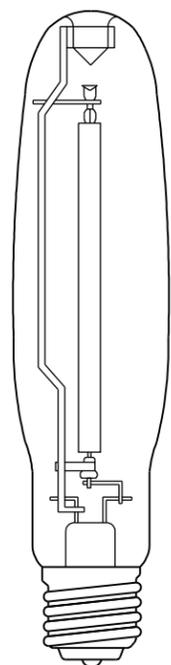
NO	1	2010 EDITION	DESCRIPTION OF REVISIONS	MADE BY	C. COLE	DATE	03/10	NO	3	4	DESCRIPTION OF REVISIONS	MADE BY	DATE
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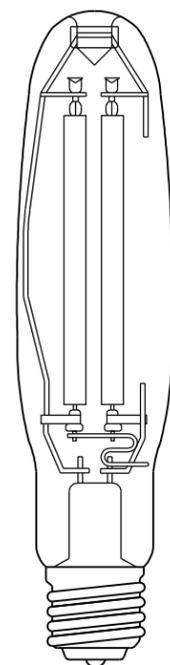
ED23 1/2
or ED23.5



ED23 1/2 Mog
or ED23.5 Mog



ED18 Mog



ED18

NOTES:

1. All materials and construction shall conform to the requirements of the Specifications.
2. All HPS lamps shall be universal burning, clear, heat resistant glass, mogul screw base type. Each lamp shall be clearly and permanently marked, giving the wattage, the American National Standards Institute (ANSI) specification number, manufacturer's name and the manufacturer's catalog item number.
3. Lamps of the type and wattage specified shall conform to the requirements specified per the table on this drawing. The standard wattage for roadway pole mounted lighting shall typically be 150, 250 or 400 watts. Other wattages, including 310 watt, can be used, but shall be approved by the State Traffic Engineer in advance.
4. Underdeck lighting shall typically be 100 or 150 watt.
5. The standard wattages for pathway or sidewalk only lighting shall typically be 70, 100 or 150 watt.
6. Lamp failure shall be defined as failure to light, cycling, drastic color changes, or significant reduction (more than 20%) in lumen output.
7. Dual arc lamps shall only be used when specifically called for on the plans.
8. The lamp used shall conform to the requirements of the luminaire and the ballast manufacturer.
9. Lamps shall be handled and installed in a manner which, is consistent with the lamp and luminaire manufacturers instructions. The luminaire shall always be de-energized when lamps are installed or removed
10. All lamps shall have, at a minimum, a three year warranty. The warranty in the first two years shall provide two new lamps for every failure. The third year shall be one lamp for every failure. The warranty date shall be based on the date of manufacture stamped on the lamp.

NOT TO SCALE

DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION	03/10
SIGNATURE		DRAWING NO.	T.S. 14-1
APPROVED FOR DISTRIBUTION	HIGH PRESSURE SODIUM (HPS) LAMPS	SHEET NO.	1 OF 3
ON FILE			