

A-A-1757
December 31, 1981

COMMERCIAL ITEM DESCRIPTION

LAMP, SODIUM (HIGH PRESSURE)

The General Services Administration has authorized the use of this commercial item description.

This description covers high pressure sodium lamps for general and street lighting.

Salient characteristics:

Although the outer bulb shall be made of heat resistant glass, external protection of the lamp is still required to eliminate the chance of bulb breakage due to direct contact with water during lamp operation.

Burning position - any.

The lamps shall be clear.

The lamps shall have the characteristics that are described in Table I.

TABLE I

Type	ANSI Code	Watts	Volts	Base	Bulb	Max. Overall Length (Inches)	Avg. Rated Life (10 hrs. per Start)	Approx/Lumens (Any burning pos.)	
								Initial*	Mean**
1	S54SB-100	100	55	Mogul	E-23½/BT-25	7-3/4	24,000	9,500	8,500
2	S55SC-150	150	55	Mogul	E-23½/BT-25	7-3/4	24,000	16,000	14,400
3	S50VA-250	250	100	Mogul	E-18	9-3/4	24,000	27,500	24,750
4	S51WA-400	400	100	Mogul	E-18	9-3/4	24,000	50,000	45,000
5	S52XB-1000	1000	250	Mogul	E-25	15-1/16	24,000	140,000	126,000

* Initial lumen ratings based upon 100-hour photometry readings at rated lamp watts.

** Mean lumens shown are based on operation at approximately 50 percent of rated life, under specified test conditions with 10 or more burning hours per start.

The lamps shall be measured in accordance with ANSI C78.388.

The issue of ANSI C78.388 in effect on the date of the solicitation shall be used to determine compliance with these requirements.

Regulatory requirements. The manufacturer shall utilize recovered materials to the maximum extent practicable.

Packaging, packing, and marking. Packaging, packing, and marking shall be as specified in the contract or order.

ANSI C78.388 is available from the American National Standards Institute Inc., 1430 Broadway, New York, NY 10018.

MILITARY INTERESTS:

CIVIL AGENCY COORDINATING ACTIVITY:

User Activities

Navy - YD
 Air Force - 99

GSA - FSS

PREPARING ACTIVITY:

GSA - FSS

FSC 6240