

ITEM 693

TRAFFIC SIGNAL LAMPS

693.1 Description. This specification sets forth the minimal requirements for a traffic signal lamp, for use in various traffic control signals.

693.2 General. The traffic signal lamp shall meet the requirements of this specification, and the latest approved standard accepted by the Institute of Traffic Engineers (ITE). Where a difference occurs, these requirements shall govern.

693.3 Design Requirements. The traffic signal lamps shall have the following characteristics:

1. Brass base.
2. 130 volt operating voltage
3. Minimum 7500 hour rated life.
4. Minimum 85% krypton gas filled.
5. Tungsten filament.
6. Minimum 7 filament supports equally distributed on filament.
7. Maximum 180 wattage. Minimum 150 watts.

The supplier shall be prepared to provide test reports to support the conformance to this specification.

The glass envelope of each lamp shall be indelibly marked to show the manufacturer's identification, the rated voltage, the rated lumens, and orientation of the lamp for proper burning position.

Traffic Signal lamps under this specification shall be guaranteed for a period of one hundred eighty (180) days from the date of completion. If the traffic signal lamp fails, the contractor, at no cost to Harris County, will furnish all labor, equipment, and materials necessary to replace the traffic signal lamp.

There are no line code(s), description(s), or unit(s) for this item.

END OF ITEM 693