

## CLEARANCE, SIDE MARKER, IDENTIFICATION, AND PARKING LAMPS—SAE J592a

SAE Standard

Report of Lighting Division approved January 1937 and last revised by Lighting Committee March 1960. Editorial change March 1962.

**Definitions**—Clearance lamps are lamps on the left and right side of the front and rear of a vehicle which show to the front and rear, respectively, to mark the extreme sides of the vehicle.

Side marker lamps are lamps on the left and right sides near the front and rear of a vehicle, which show to the side, to mark the sides of the vehicle.

A combination clearance and side marker lamp is a single lamp which fulfills the requirements of both a clearance and a side marker lamp.

Identification lamps are groups of three lights in a horizontal row, spaced not less than 6 nor more than 12 in. apart, measured from center to center of lens, mounted near the top of the center of the front and rear of the permanent structure of the vehicle, which show to the front and the rear, respectively, to identify a certain type of vehicle.

Parking lamps, whether separate or in combination with other lamps, are lamps on the left only or on both the left and right of the vehicle which show to the front or rear, or both, and are primarily intended to mark the vehicle when parked.

**Samples for Test**—See Section B of SAE Standard, Lighting Equipment for Motor Vehicles—SAE J575.

**Lamp Bulbs**—See Section C of SAE Standard, Lighting Equipment for Motor Vehicles—SAE J575.

**Bulb Sockets**—See SAE Standard, Bulb Sockets and Plugs—SAE J567.

**Laboratory Facilities**—See Section D of SAE Standard, Lighting Equipment for Motor Vehicles—SAE J575.

**Vibration Test**—See Section E of SAE Standard, Lighting Equipment

for Motor Vehicles—SAE J575.

**Moisture Test**—See Section F of SAE Standard, Lighting Equipment for Motor Vehicles—SAE J575.

**Dust Test**—See Section G of SAE Standard, Lighting Equipment for Motor Vehicles—SAE J575.

**Corrosion Test**—See Section H of SAE Standard, Lighting Equipment for Motor Vehicles—SAE J575.

**Color Test**—Front clearance lamps, front and intermediate side marker lamps, and front identification lamps should be amber. Rear clearance lamps, rear side marker lamps, and rear identification lamps should be red. The color of the parking lamp, when showing to the front, should be white or amber. When showing to the rear, the color should be red. See SAE Standard, Color Specification for Electric Lamps—SAE J578.

**Photometric Test**—See Section L of SAE Standard, Lighting Equipment for Motor Vehicles—SAE J575.

All beam candlepower measurements shall be made with a bar photometer, or equivalent, with the center of light at a distance of at least 4 ft. from the photometer screen. In measuring distances and angles, the incandescent filament shall be taken as the center of light. The axis of a parking, clearance, or identification lamp shall be taken as the line through the center of the light source and parallel to the longitudinal axis of the vehicle. The axis of a side marker lamp shall be taken as the line through the light source and normal to the vertical plane through the longitudinal axis of the vehicle.