



SAE J576 Plastic Materials for Use in Optical Parts Such as Lenses and Reflex Reflectors of Motor Vehicle Lighting Devices

SAE J578 Color Specification

SAE J759 Lighting Identification Code

### 3. DEFINITIONS

#### 3.1 Rear Cornering Lamps

Supplemental lamps used to provide illumination to an area to the side and rearward of the vehicle when it is backing up.

#### 3.2 Incidental Light

Light emitted from a lamp that is projected from other than the intended light emitting surface. Incidental light is typically a color other than that of the intended lighting function.

### 4. LIGHTING IDENTIFICATION CODE

Rear cornering lamps may be identified by the code K2 in accordance with SAE J759.

### 5. TESTS

5.1 SAE J575 is a part of this document. The following tests are applicable with the modifications as indicated:

5.1.1 Vibration Test

5.1.2 Moisture Test

5.1.3 Dust Exposure Test

5.1.4 Corrosion Test

5.1.5 Photometry Test

In addition to the test procedure in SAE J575, the following shall apply:

5.1.5.1 Photometric measurements shall be made with the light source of the lamp at least 3 m from the photometer. The H-V axis shall be taken as the horizontal line through the light source and perpendicular to the longitudinal axis of the vehicle.

5.1.6 Warpage Test on Devices with Plastic Components

#### 5.2 Color Test

SAE J578 is part of this document.

#### 5.3 Plastic Optical Materials Test

SAE J576 is part of this document.

### 6. REQUIREMENTS

6.1 A device, when tested in accordance with the test procedures specified in Section 5, shall be designed to conform to the following requirements per SAE J575 unless otherwise noted.