

	SURFACE VEHICLE RECOMMENDED PRACTICE		J1373 SEP2010
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		Superseding	J1373 MAY2006
Rear Cornering Lamps for Use on Motor Vehicles Less than 9.1 m in Overall Length			

RATIONALE

This document was revised to incorporate changes to a new photometry format. There are no photometry requirements changes to this document.

1. SCOPE

This SAE Recommended Practice provides test procedures, requirements, and guidelines for rear cornering lamps for use on vehicles less than 9.1 m in overall length.

2. REFERENCES

2.1 Applicable Documents

The following publications form a part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue of SAE publications shall apply.

2.1.1 SAE Publications

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

SAE J567	Lamp Source Retention System
SAE J575	Test Methods and Equipment for Lighting Devices for Use on Vehicles Less than 2032 mm in Overall Width
SAE J576	Plastic Material or 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

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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.