

SURFACE **VEHICLE RECOMMENDED PRACTICE**

J1373

REV. **MAY2006**

Issued Revised 1982-06 2006-05

Superseding

J1373 APR1996

Rear Cornering Lamps for Use on Motor Vehicles Less than 9.1 m in Overall Length

RATIONALE

Content Changes:

The following statements will give the rationale for the changes/modifications in the content of SAE J1373 APR1996:

Section 6.1.5.1 Table 1: Moved the photometric values from Table 2 (Guidelines) into Table 1 (Requirements). This is consistent with the direction of eliminating photometric quidelines and having photometric requirements in the SAE J-documents.

Section 6.1 has been changed to read: A device, when tested in accordance with the test procedures specified in Section 5, shall be designed to conform to the following requirements:

Section 7.1.3 Table 2: Eliminated Table 2 (Guidelines).

Numbering corrections and formatting where needed.

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.

REFERENCES

2.1 Applicable Publications

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

SAE Publications 2.1.1

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 Bulb Retention System

SAE J575 Test Methods and Equipment for Lighting Devices and Components for Use on Vehicles Less than

2032 mm in Overall Width

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions. Copyright © 2006 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)

724-776-4970 (outside USA) Tel: 724-776-0790 Fax:

Email: CustomerService@sae.org

led by IHS under license with SAF No reproduction or networking permitted without license from IHS http://www.sae.org

Copyright SAE International

Not for Resale

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

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.

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.