



SURFACE VEHICLE RECOMMENDED PRACTICE

J852™

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Superseding J852 MAR2009

Front Cornering Lamps for Use on Motor Vehicles

RATIONALE

Paragraph 2.2 reference documents are added for user information and to match current document practices of the committee.

Paragraph 6.2 color requirement is revised to only allow white light. Yellow color light is generally no longer acceptable for road illumination devices.

Section 7 guidelines are restructured and revised. In order to increase global harmonization of specifications, the mounting height upper limit of 760 mm recommended in the guidelines section was modified to 900 mm as measured to the apparent surface upper edge, permitting greater overlap to the requirements of UN-R48 *Installation of Lighting and Light-Signalling Devices*. Additional restrictions to the upper height limit relative to the lower beam are established. The lower limit is kept the same by referring to the height measured to the reference axis. The user is cautioned to design appropriately for their intended markets.

Figure 1 format is revised to match the SAE Lighting Standards convention to show minimum and maximum candela values. No photometric requirement has been changed.

1. SCOPE

This SAE Recommended Practice provides test procedures, performance requirements, and guidelines for front cornering lamps intended for use on motor vehicles.

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 International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or +1 724-776-4970 (outside USA), www.sae.org.

SAE J567 Light Source Retention System

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

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Documents
Document Sharing Hub

SAE J578 Color Specification

SAE J759 Lighting Identification Code

2.2 Related Publications

The following publications are provided for information purposes only and are not a required part of this SAE Technical Report.

2.2.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or +1 724-776-4970 (outside USA), www.sae.org.

SAE J2442 Harmonized Provisions for Installation of Exterior Lamps and Retro-Reflecting Devices on Road Vehicles Except Motorcycles

2.2.2 NHTSA Publications

Available from the Superintendent of Documents, U.S. Government Printing Office, Mail Stop: SSOP, Washington, DC 20402-9320 or at www.ecfr.gov.

Federal Motor Vehicle Safety Standard 49CFR 571.108

2.2.3 Transport Canada Publications

Transport Canada documents are available from Transport Canada, Tower C, Place de Ville, 330 Sparks Street Ottawa, Ontario K1A 0N5, Tel: 1-800-305-2059, www.tc.gc.ca.

CMVSS 108 Canadian Motor Vehicle Safety Standard for Exterior Lighting

Technical Standards Document No. 108

2.2.4 UNECE Publications

Available from United Nations Economic Commission for Europe Information Office, Palais des Nations, CH-1211, Geneva 10, Switzerland, Tel: +41-0-22-917-12-34, <http://www.unece.org/trans/main/wp29/wp29regs.html>.

UNECE Regulation No. 48 Uniform Provisions Concerning the Approval of Vehicles with Regard to the Installation of Lighting and Light-Signalling Devices

UNECE Regulation No. 119 Uniform Provisions Concerning the Approval of Cornering Lamps for Power Driven Vehicles

3. DEFINITIONS

3.1 FRONT CORNERING LAMPS

Steady operating lamps used to supplement the headlamps by providing additional illumination in the direction of turn. They may be used independent of the turn signal to ease maneuvering at very low speeds.

4. IDENTIFICATION CODE DESIGNATION

Front cornering lamps meeting the performance requirements of this document may be identified by the code K in accordance with SAE J759.