



SURFACE VEHICLE STANDARD

J131™

MAY2022

Issued 1969-10
Reaffirmed 2010-06
Revised 2022-05

Superseding J131 JUN2010

(R) Motorcycle Turn Signal Lamps

RATIONALE

Document due for 5 year review.

The changes incorporated are to make the document consistent with J-document formatting

Added Table of Contents.

Section 1. Scope updated

Section 2. References updated. Added J759, J1690, and J1889

Add Section 2.2 for related publications

Section 3 - Add definition of Turn Signal function in alignment with SAE J588. Added definition of Sequential turn signal.

Add new section 4 referencing Lighting Identification Code in alignment with other SAE documents

Renamed General Requirements section to TEST in alignment with other SAE documents

Eliminated the term section xx of the test titles

Eliminated photometry test tables

Aligned photometry test distance to detector with J588.

Added references to J1889

Reworded Plastic Materials Test section

Added requirements section in alignment with other SAE documents

Added Performance requirements section in alignment with other SAE documents

Replaced photometry test tables with photometry test figures in alignment with other SAE documents

Added Design Requirement section

Added Sequential turn indicator in alignment with J588

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Documents
Document Sharing Hub

Moved Installation requirements into requirements section.

Modified wording for visibility requirements in alignment with other SAE documents

Added motorcycle specific figures for visibility angles.

Added Guidelines section

Implemented guidelines from J588

Added Additional notes section

Moved Appendix A content to Additional notes section

Renumbered Notes section

Eliminated Appendix A

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1. SCOPE

This SAE Standard provides test procedures, requirements, and guidelines for motorcycle turn signal lamps. It does not apply to mopeds.

2. REFERENCES

2.1 Applicable Publications

The following publications form a part of the specification to the extent specified herein. Unless otherwise indicated, the latest revision 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 J213	Motorcycle Classifications
SAE J575	Tests Methods and Equipment for Lighting Devices for Use on Vehicles Less than 2032 mm in Overall Width
SAE J576	Plastic Materials for Use in Optical Parts Such as Lenses and Reflex Reflectors of Motor Vehicle Lighting Devices
SAE J578	Chromaticity Requirements for Ground Vehicle Lamps and Lighting Equipment
SAE J759	Lighting Identification Code
SAE J1690	Flashers
SAE J1889	LED Signal and Marking Lighting Devices

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 J387	Terminology – Motor Vehicle Lighting
SAE J567	Light Source Retention System
SAE J1050	Describing and Measuring the Driver's Field of View
SAE J2999	Determination of the Effective Projected Luminous Lens Area (EPLLA) by Design Analysis

2.2.2 Code of Federal Regulations (CFR) Publications

Available from the United States Government Printing Office, 732 North Capitol Street, NW, Washington, DC 20401, Tel: 202-512-1800, www.gpo.gov.

CFR Title 49 Part 571.108 Lamps, Reflective Devices and Associated Equipment (FMVSS 108)