



SURFACE VEHICLE RECOMMENDED PRACTICE	J2591™	OCT2024
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Limited Adaptive Forward Lighting System		

RATIONALE

The Technical Report covers technology, products, or processes which are mature and not likely to change in the foreseeable future.

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1. SCOPE

This SAE Recommended Practice applies to motor vehicle Forward Illumination Devices which incorporate limited adaptive beam pattern capabilities. This document is to be used in conjunction with other forward lighting standards and/or recommended practices which define the base beam procedures, requirements, and guidelines.

2. REFERENCES

2.1 Applicable Documents

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.

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 J575	Test Methods and Equipment for Lighting Devices for Use on Vehicles Less than 2032 mm in Overall Width
SAE J578	Color Specification
SAE J599	Lighting Inspection Code
SAE J759	Lighting Identification Code

2.2 Related Documents

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 J565	Semiautomatic Headlamp Beam Switching Devices
SAE J581	Auxiliary High Beam Lamps
SAE J583	Front Fog Lamp
SAE J852	Front Cornering Lamps for Use on Motor Vehicles
SAE J1383	Performance Requirements for Motor Vehicle Headlamps
SAE J2838	Full Adaptive Forward Lighting Systems

2.2.2 FMVSS Publication

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

CFR Title 49 Part 571.108	Lamps, Reflective Devices and Associated Equipment (FMVSS 108)
CFR Title 49 Part 571.564	Replaceable Light Source Information (FMVSS 108)