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COLOR SPECIFICATION FOR ELECTRIC LAMPS—SAE J578

SAE Standard

Report of Lighting Division approved January 1942 and last revised by Lighting Committee May 1958.

[SAE lighting specifications are subject to frequent change to keep pace with technical advances. This SAE Standard is intended for use by State or Federal authorities having regulatory powers over motor vehicles, but its inclusion in State or Federal laws where flexibility of revision is lacking is discouraged.]

Scope—The purpose of this specification is to provide standards for colors employed in motor vehicle lighting equipment. It is intended to cover the colors of red, amber (yellow), and uncolored (white) transmitting media. Color applies to the overall effective signal color and not to the color from a small area of the lens.

Red—Transmitting media which are to be classed as red must conform to the specifications herein and may be examined for compliance with the requirements by comparison with a red limit glass. This

glass has been prepared so that it represents the closest permissible approach to amber (yellow) and has at the same time the maximum purity of color. A red transmitting medium shall not be acceptable if it is paler or yellower than the light limit standard glass when the two are illuminated by incandescent lamp light.

In case of doubt or samples close to the limit, resort must be had to spectrophotometric determinations of the color of the sample.

Amber (Yellow)—Transmitting media which are to be classed as amber (yellow) must conform to the specifications herein and may be examined for compliance with the requirements by comparison with amber (yellow) limit glasses. These glasses have been prepared so that one represents the closest permissible approach to red and the other the closest permissible approach to yellow-green, both having at