

Lighting of Roads for Motor and Pedestrian Traffic

CIE 115:2010, 2nd Edition

This report is a revision and update of CIE 115-1995 "Recommendations for the Lighting of Roads for Motor and Pedestrian Traffic".

Since it was issued in 1995 power consumption and environmental aspects have become more important and at the same time, the improved performance of luminaires and lamps, and especially the introduction of electronic control gear, has made it possible to introduce adaptive lighting for roads for motorised traffic, conflict areas and areas for pedestrians.

A structured model has been developed for the selection of the appropriate lighting classes (M, C, or P), based on the luminance or illuminance concept, taking into account the different parameters relevant for the given visual tasks. Applying for example time dependent variables like traffic volume or weather conditions, the model offers the possibility to use adaptive lighting systems.

The publication replaces CIE 115-1995 "Recommendations for the Lighting of Roads for Motor and Pedestrian Traffic".

The publication is written in English, with a short summary in French and German. It consists of 43 pages with 1 figure and 18 tables, and is readily available via the website of the Central Bureau of the CIE (www.cie.co.at).

The price of this publication is 80, (Members of the National Committees of the CIE get 50% discount).