

Commission Implementing Decision of 10 March 2014 on the approval of the light emitting diodes low beam module ‘E-Light’ as an innovative technology for reducing CO2 emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council (Text with EEA relevance) (2014/128/EU)

Article 1 (1) The LED low beam module ‘E-Light’ intended for use...
Article 2 This Decision shall enter into force on the 20th day...
Signature

ANNEX

METHODOLOGY FOR DETERMINING THE REDUCTION IN CO2 EMISSIONS DUE TO THE USE OF THE LEDS LOW BEAM MODULE E-LIGHT, IN AN M1 VEHICLE

1. Introduction
2. Testing conditions
3. The testing procedure
4. Formulae
 - 4.1. Calculate the power savings
 - 4.2. Calculate the CO2 savings
 - 4.3. Calculate the statistical error in the CO2 savings
 - 4.4. Verify the threshold value
5. Eco-innovation code to be entered into type approval documentation

- (1) [OJ L 140, 5.6.2009, p. 1.](#)
- (2) Commission Implementing Regulation (EU) No 725/2011 of 25 July 2011 establishing a procedure for the approval and certification of innovative technologies for reducing CO₂ emissions from passenger cars ([OJ L 194, 26.7.2011, p. 19.](#))
- (3) http://ec.europa.eu/clima/policies/transport/vehicles/cars/docs/guidelines_en.pdf
- (4) Commission Implementing Decision 2013/128/EU of 13 March 2013 on the approval of the use of light emitting diodes in certain lighting functions of an M1 vehicle as an innovative technology for reducing CO₂ emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council ([OJ L 70, 14.3.2013, p. 7.](#))
- (5) Regulation (EC) No 715/2007 of the European Parliament and of the Council of 20 June 2007 on type approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information ([OJ L 171, 29.6.2007, p. 1.](#))
- (6) Commission Regulation (EC) No 692/2008 of 18 July 2008 implementing and amending Regulation (EC) No 715/2007 of the European Parliament and of the Council on type-approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information ([OJ L 199, 28.7.2008, p. 1.](#))