

Council Directive of 28 June 1977 on the approximation of the laws of the Member States relating to parking lamps for motor vehicles (77/540/EEC) (repealed)

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## [<sup>F1</sup>ANNEX I

### ADMINISTRATIVE PROVISIONS FOR TYPE APPROVAL

#### Textual Amendments

**F1** Substituted by [Commission Directive 1999/16/EC of 16 March 1999 adapting to technical progress Council Directive 77/540/EEC relating to parking lamps for motor vehicles \(Text with EEA relevance\)](#).

1. APPLICATION FOR EC COMPONENT TYPE-APPROVAL
  - 1.1. The application for EC component type-approval pursuant to Article 3(4) of Directive 70/156/EEC of a type of parking lamp shall be submitted by the manufacturer.
  - 1.2. A model for the information document is given in Appendix 1.
  - 1.3. The following must be submitted to the technical service responsible for conducting the type-approval tests:
    - 1.3.1. Two samples, equipped with the lamp or lamps recommended; if the parking lamps are such that they can be mounted only on one side of the vehicle, the two samples submitted may be identical and be suitable for mounting only on the right or only on the left side of the vehicle.
2. MARKINGS
  - 2.1. The devices submitted for EC component type approval must bear:
    - 2.1.1. the trade name or mark of the manufacturer;
    - 2.1.2. in the case of lamps with replaceable light sources: the type(s) of filament lamp prescribed;
    - 2.1.3. in the case of lamps with non-replaceable light sources: the nominal voltage and wattage.
  - 2.2. These markings shall be clearly legible and indelible and shall be affixed to the illuminating surface, or to one of the illuminating surfaces, of the device. They shall be visible from the exterior when the device is fitted to the vehicle.
  - 2.3. Each device shall have sufficient space for the component type-approval mark. This space shall be indicated on the drawings referred to in Appendix 1.
3. GRANTING OF EC COMPONENT TYPE-APPROVAL
  - 3.1. If the relevant requirements are satisfied, EC type-approval pursuant to Article 4(3) and, if applicable, Article 4(4) of Directive 70/156/EEC shall be granted.
  - 3.2. A model for the EC type-approval certificate is given in Appendix 2.
  - 3.3. An approval number in accordance with Annex VII to Directive 70/156/EEC shall be assigned to each type of parking lamp approved. The same Member State shall not assign the same number to another type of parking lamp.
  - 3.4. Where EC component type approval is requested for a type of lighting and light-signalling device comprising a parking lamp and other lamps, a single EC component type-approval number may be assigned provided that the parking lamp complies with

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the requirements of this Directive and that each of the other lamps forming part of the lighting and light-signalling device for which EC component type approval is requested complies with the separate Directive applying to it.

#### 4. EC COMPONENT TYPE-APPROVAL MARK

4.1. In addition to the markings referred to in item 2.1., every parking lamp conforming to the type approved pursuant to this Directive shall bear an EC component type-approval mark.

4.2. This mark shall consist of:

4.2.1. a rectangle surrounding the letter 'e' followed by the distinguishing number or letters of the Member State which has granted type approval:

1	for Germany
2	for France
3	for Italy
4	for the Netherlands
5	for Sweden
6	for Belgium
[ <sup>F27</sup>	for Hungary
8	for the Czech Republic]
9	for Spain
11	for the United Kingdom
12	for Austria
13	for Luxembourg
17	for Finland
18	for Denmark
[ <sup>F319</sup>	for Romania]
[ <sup>F220</sup>	for Poland]
21	for Portugal
23	for Greece
[ <sup>F226</sup>	for Slovenia
27	for Slovakia
29	for Estonia
32	for Latvia
[ <sup>F334</sup>	for Bulgaria]
36	for Lithuania
CY	for Cyprus]
IRL	for Ireland[ <sup>F4</sup> ;
[ <sup>F2</sup> MT	for Malta;]

#### Textual Amendments

- F2** Inserted by Act concerning the conditions of accession of the Czech Republic, the Republic of Estonia, the Republic of Cyprus, the Republic of Latvia, the Republic of Lithuania, the Republic of Hungary, the Republic of Malta, the Republic of Poland, the Republic of Slovenia and the Slovak Republic and the adjustments to the Treaties on which the European Union is founded.
- F3** Inserted by Council Directive 2006/96/EC of 20 November 2006 adapting certain Directives in the field of free movement of goods, by reason of the accession of Bulgaria and Romania.
- F4** Deleted by Act concerning the conditions of accession of the Czech Republic, the Republic of Estonia, the Republic of Cyprus, the Republic of Latvia, the Republic of Lithuania, the Republic of Hungary, the

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Republic of Malta, the Republic of Poland, the Republic of Slovenia and the Slovak Republic and the adjustments to the Treaties on which the European Union is founded.

- 4.2.2. in the vicinity of the rectangle the 'base approval number' contained in section 4 of the type-approval number referred to in Annex VII of Directive 70/156/EEC, preceded by the two figures indicating the sequence number assigned to the most recent major technical amendment to Directive 77/540/EEC on the date EEC type-approval was granted. In this Directive the sequence number is 00;
- 4.2.3. when a lamp emits a light of amber colour towards the front and rear, the lamp must be marked with an arrow indicating its orientation, the arrow showing to the front of the vehicle.
- 4.3. The EC component type-approval mark shall be affixed to the lens of the lamp or one of the lenses in such a way as to be indelible and clearly legible even when the lamps are fitted to the vehicle.
- 4.4. An example of the EC component type-approval mark is given in Appendix 3.
- 4.5. Where a single EC component type-approval number is issued, as per item 3.4. above, for a type of lighting and light-signalling device comprising a parking lamp and other lamps, a single EC component type-approval mark may be affixed, consisting of:
  - 4.5.1. a rectangle surrounding the letter 'e' followed by the distinguishing number or letters of the Member State which has granted type approval (see item 4.2.1.);
  - 4.5.2. the base approval number (see item 4.2.2., first half-sentence);
  - 4.5.3. if necessary, the required arrow, in so far as it relates to the lamp assembly as a whole.
- 4.6. This mark may be located anywhere on the lamps which are grouped, combined or reciprocally incorporated, provided that:
  - 4.6.1. it is visible after the installation of the lamps;
  - 4.6.2. no light-transmitting components of the grouped, combined or reciprocally incorporated lamps can be removed without simultaneously removing the approval mark.
- 4.7. The identification symbol for each lamp corresponding to each Directive pursuant to which EC component type approval was granted, together with the sequence number (see item 4.2.2, second half-sentence) and, where necessary, the letter 'D' and the required arrow shall be marked:
  - 4.7.1. either on the appropriate light-emitting surface;
  - 4.7.2. or in a group, in such a way that each of the grouped, combined or reciprocally incorporated lamps may be clearly identified.
- 4.8. The dimensions of the components of this mark must not be less than the minimum dimensions specified for individual marks by the various Directives pursuant to which EC component type approval was granted.
5. MODIFICATIONS OF THE TYPE AND AMENDMENTS TO APPROVALS
  - 5.1. In the case of modifications of the type approved pursuant to this Directive, the provisions of Article 5 of Directive 70/156/EEC shall apply.

## 6. CONFORMITY OF PRODUCTION

- 6.1. As a general rule, measures to ensure the conformity of production shall be taken in accordance with the provisions laid down in Article 10 of Directive 70/156/EEC.
- 6.2. Every parking lamp shall comply with the conditions specified in this Directive. Nevertheless, in the case of a parking lamp selected at random from series production, the requirements as to minimum intensity of the light emitted (measured with a standard filament lamp as referred to in paragraph 8<sup>(1)</sup>) shall be limited in each relevant direction to 80 % of the minimum values specified in paragraphs 7.1 and 7.2<sup>(1)</sup>. Under the same conditions, the prescribed maximum values may be exceeded by 20 %.

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## Appendix 1

### Information document No ...

#### relating to the EC component type-approval of parking lamps

*(Directive 77/540/EEC, as last amended by Directive .../EC)*

The following information, if applicable, must be supplied in triplicate and include a list of contents. Any drawings must be supplied in appropriate scale and in sufficient detail on size A4 or on a folder of A4 format. Photographs, if any, must show sufficient detail.

If the systems, components or separate technical units have electronic controls, information concerning their performance must be supplied.

#### 0. GENERAL

- 0.1. Make (trade name of manufacturer): .....
- 0.2. Type: .....
- 0.5. Name and address of manufacturer: .....
- 0.7. In the case of components and separate technical units, location and method of affixing of the EC approval mark: .....
- 0.8. Address(es) of assembly plant(s): .....

#### 1. DESCRIPTION OF THE DEVICE

- 1.1. Type of device: .....
- 1.1.1. Device function(s): .....
- 1.1.2. Category or class of device: .....
- 1.1.3. Colour of the light emitted or reflected: .....
- 1.2. Drawing(s) in sufficient detail to permit identification of the type of the device and showing:
  - 1.2.1. in what geometrical position the device is to be mounted on the vehicle (not applicable to rear registration plate lamps): .....
  - 1.2.2. the axis of observation to be taken as the axis of reference in the tests (horizontal angle  $H = 0^\circ$ , vertical angle  $V = 0^\circ$ ) and the point to be taken as the centre of reference in the said tests (not applicable to retro-reflecting devices and rear registration plate lamps): .....
  - 1.2.3. the position intended for the EC component type-approval mark: .....
  - 1.2.4. for rear registration plate lamps, the geometrical position in which the device is to be fitted in relation to the space to be occupied by the registration plate, and the outline of the area adequately illuminated: .....
  - 1.2.5. for headlamps and front fog lamps, a frontal view of the lamps with details of lens ribbing, if any, and the cross section: .....
- 1.3. A brief technical description stating, in particular, with the exception of lamps with non-replaceable light sources, the category or categories of light sources prescribed which shall be one or more of those contained in Directive 76/761/EEC (not applicable to retro-reflecting devices):  
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1.4. Specific information

1.4.1. For rear registration plate lamps, a statement whether the device is intended to illuminate a wide/tall/both wide and tall plate:.....

1.4.2. For headlamps,

1.4.2.1. information whether the headlamp is intended to provide both a dipped beam and main beam or only one of those beams: .....

1.4.2.2. information in case the headlamp is intended to provide a dipped beam, if it is designed for both left-hand and right-hand traffic or for either left-hand or right-hand traffic only:.....

1.4.2.3. if the headlamp is equipped with an adjustable reflector, an indication of the mounting position(s) of the headlamp in relation to the ground and the longitudinal median plane of the vehicle, if the headlamp is for use in that (those) position(s) only:.....

1.4.3. For position lamps, stop lamps and direction indicators:

1.4.3.1. if the device may also be used in an assembly of two lamps of the same category:.....

1.4.3.2. in the case of devices with two levels of intensity (stop lamps and category 2b direction indicators), arrangement diagram and specification of the characteristics of the system ensuring the two levels of intensity: .....

1.4.4. For retro-reflecting devices, a brief description giving the technical specifications of the materials of the retro-reflecting optical unit: .....

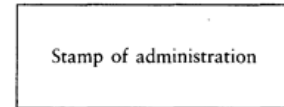
1.4.5. For reversing lamps, a statement whether the device is intended to be installed on a vehicle exclusively in a pair of devices: .....

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Appendix 2
MODEL

(maximum format: A4 (210 x 297 mm))

EC TYPE-APPROVAL CERTIFICATE



Communication concerning the

- type-approval(1)
- extension of type-approval(1)
- refusal of type-approval(1)
- withdrawal of type-approval(1)

of a type of a vehicle/component/separate technical unit(1) with regard to Directive .../EEC, as last amended by Directive .../EC

Type-approval number: .....

Reason for extension: .....

SECTION I

- 0.1. Make (trade name of manufacturer): .....
0.2. Type: .....
0.3. Means of identification of type if marked on the vehicle/component/separate technical unit(1)(2): .....
0.3.1. Location of that marking: .....
0.4. Category of vehicle(1)(3): .....
0.5. Name and address of manufacturer: .....
0.7. In the case of components and separate technical units, location and method of affixing of the EC approval mark: .....
0.8. Address(es) of assembly plant(s): .....

SECTION II

- 1. Additional information (where applicable): See Addendum
2. Technical service responsible for carrying out the tests: .....
3. Date of test report: .....
4. Number of test report: .....
5. Remarks (if any): See Addendum
6. Place: .....



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7. Date: .....
8. Signature: .....
9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

<sup>(1)</sup> Delete where not applicable.

<sup>(2)</sup> If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by this type-approval certificate such characters shall be represented in the documentation by the symbol: “?” (e.g. ABC??123??).

<sup>(3)</sup> As defined in Annex II A to Directive 70/156/EEC.

#### Addendum to EC type-approval certificate No ...

concerning the component type-approval of a lighting and/or light-signalling device with regard to Directive(s) 76/757/EEC; 76/758/EEC; 76/759/EEC; 76/760/EEC; 76/761/EEC; 76/762/EEC; 77/538/EEC; 77/539/EEC and 77/540/EEC<sup>(1)</sup> as last amended by Directive(s) ...

#### 1. Additional information

##### 1.1. Where applicable, indicate for each lamp

1.1.1. The category(ies) of the device(s):.....

1.1.2. The number and category of light sources (not applicable to retro reflector<sup>(2)</sup>): .....

1.1.3. The colour of the light emitted or reflected: .....

1.1.4. Approval granted solely for use as a replacement part on vehicles already in service: Yes/No<sup>(1)</sup>

##### 1.2. Specific information for certain types of lighting or light-signalling devices

1.2.1. For retro-reflecting devices: In isolation/part of an assembly of devices<sup>(1)</sup>

1.2.2. For rear registration plate lamps: Device for illuminating a tall plate/a wide plate<sup>(1)</sup>

1.2.3. For headlamps: If equipped with an adjustable reflector, the mounting position(s) of the headlamp in relation to the ground and the longitudinal median plane of the vehicle, if the headlamp is for use in that (those) position(s) only: .....

1.2.4. For reversing lamps: This device shall be installed on a vehicle only as part of a pair of devices: Yes/No<sup>(1)</sup>

#### 5. Remarks

##### 5.1. Drawings

5.1.1. For rear registration plate lamps: the attached drawing No ... shows the geometric position in which the device is to be fitted in relation to the space to be occupied by the registration plate, and the outline of the area adequately illuminated;

5.1.2. for retro-reflecting devices: the attached drawing No ... shows the geometric position in which the device is to be fitted to the vehicle;

5.1.3. For all other lighting and light-signalling devices: the attached drawing No ... shows the geometric position in which the device is to be fitted to the vehicle, and the axis of reference and centre of reference of the device.

5.2. For headlamps: Operating mode used during the test (item 5.2.3.9 of Annex I to Directive 76/761/EEC): .....

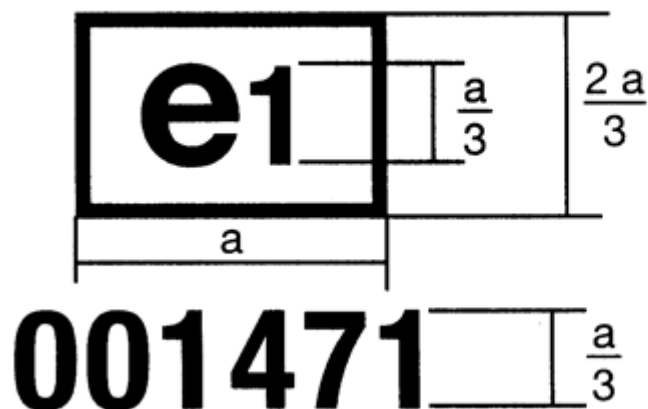
<sup>(1)</sup> Delete where not applicable.

<sup>(2)</sup> For lamps with non-adjustable light sources, indicate the number and label of the sources of light sources.

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## Appendix 3

## EXAMPLE OF THE EC COMPONENT TYPE-APPROVAL MARK

 $a \geq 5 \text{ mm}$ 

The device bearing the EC component type-approval mark shown above is a parking lamp, type approved in Germany (e1) pursuant to this Directive (00) under the base approval number 1471.]

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(1) [<sup>F1</sup>Of the documents referred to in point 1 of Annex II to this Directive.]

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**Textual Amendments**

**F1** Substituted by [Commission Directive 1999/16/EC of 16 March 1999 adapting to technical progress Council Directive 77/540/EEC relating to parking lamps for motor vehicles \(Text with EEA relevance\)](#).