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AGREEMENT CONCERNING THE ADOPTION OF UNIFORM TECHNICAL PRESCRIPTIONS FOR WHEELED VEHICLES, EQUIPMENT AND PARTS WHICH CAN BE FITTED AND/OR BE USED ON WHEELED VEHICLES AND THE CONDITIONS FOR RECIPROCAL RECOGNITION OF APPROVALS GRANTED ON THE BASIS OF THESE PRESCRIPTIONS. GENEVA, 20 MARCH 1958

REGULATION NO. 37. UNIFORM PROVISIONS CONCERNING THE APPROVAL OF FILAMENT LAMPS FOR USE IN APPROVED LAMP UNITS OF POWER-DRIVEN VEHICLES AND OF THEIR TRAILERS

PROPOSAL OF AMENDMENTS TO REGULATION

On 23 June 2000, the Secretary-General received from the Administrative Committee of the above Agreement, pursuant to article 12 (1) of the Agreement, amendments proposed to the above Regulation.

A copy, in the English and French languages, of the document containing the text of the ..... proposed amendments is transmitted herewith (doc. TRANS/WP.29/719).

The Secretary-General wishes to draw attention to article 12 (2) and (3) of the Agreement which read as follows:

"2. An amendment to a Regulation will be considered to be adopted unless, within a period of six months from its notification by the Secretary-General, more than one-third of the Contracting Parties applying the Regulation at the time of notification have informed the Secretary-General of their disagreement with the amendment. If, after this period, the Secretary-General has not received declarations of disagreement of more than one-third of the Contracting Parties applying the Regulation, the Secretary-General shall as soon as possible declare the amendment as adopted and binding upon those Contracting Parties applying the Regulation who did not declare themselves opposed to it. When a Regulation is amended and at least one-fifth of the Contracting Parties applying the unamended Regulation subsequently declare that they wish to continue to apply the unamended Regulation, the unamended Regulation will be regarded as an alternative to the amended Regulation and will be incorporated formally as such into the Regulation with effect from the date of adoption of the amendment or its entry into force. In this case the obligations of the Contracting Parties applying the Regulation shall be the same as set out in paragraph 1.

3. Should a new Contracting Party accede to this Agreement between the time of the

Attention: Treaty Services of Ministries of Foreign Affairs and of international organizations concerned.

notification of the amendment to a Regulation by the Secretary-General and its entry into force, the Regulation in question shall not enter into force for that Contracting Party until two months after it has formally accepted the amendment or two months after the lapse of a period of six months since the communication to that Party by the Secretary-General of the proposed amendment."

28 June 2000

Attention: Treaty Services of Ministries of Foreign Affairs and of international organizations concerned.

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Economic and Social
Council

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GENERAL

TRANS/WP.29/719
9 May 2000

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and FRENCH

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

DRAFT SUPPLEMENT 19 TO THE 03 SERIES OF AMENDMENTS TO REGULATION No. 37

(Filament lamps)

Note: The text reproduced below was adopted by the Administrative Committee (AC.1) of the amended 1958 Agreement at its fourteenth session, following the recommendation by WP.29 at its one-hundred-and-twentieth session. It is based on document TRANS/WP.29/2000/17, not amended (TRANS/WP.29/703, para. 164).

List of contents, annexes,

Annex 1, add at the end of the list new sheets, to read:

".....
Sheet WY2.3W (only for signalling lamps)
Sheets P19W, PS19W, PY19W and PSY19W (only for signalling lamps)
Sheets P24W, PS24W, PY24W and PSY24W (only for signalling lamps)"

Text of the Regulation,

Paragraph 2.3.1.2., amend to read:

"2.3.1.2. the rated voltage. However, for filament lamps for which only a 12 V type is standardized and the maximum allowed bulb diameter of which does not exceed 7.5 mm, the rated voltage need not be marked;"

Paragraph 2.3.1.3., amend to read:

"2.3.1.3. the international designation of the relevant category. The wattage character "W" of this designation need not be marked when the maximum allowed bulb diameter of the lamp type does not exceed 7.5 mm;"

Annex 1,

Annex 1, sheet H4/2, replace in the table the IEC sheet number by "sheet 7004-39-6"

Annex 1, sheet P21W/1, replace in the table the IEC sheet number by "sheet 7004-11A-9"

Annex 1, sheet R5W/1, replace in the table the IEC sheet number by "sheet 7004-11A-9"

Annex 1, sheet R10W/1, replace in the table the IEC sheet number by "sheet 7004-11A-9"

Annex 1, sheet H27W/2, replace in the table the IEC sheet number by "sheet 7004-107-3"

Annex 1, sheet HIR1/2, replace in the table the IEC sheet number by "sheet 7004-31-2"

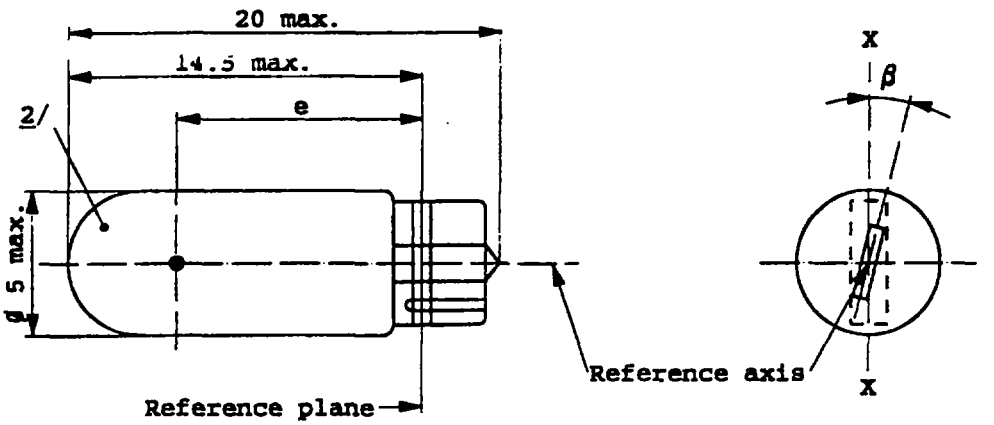
Annex 1, sheet PY27/7W/1, replace in the table the IEC sheet number by "sheet 7004-104A-1"

Annex 1, sheet HIR2/2, replace in the table the IEC sheet number by "sheet 7004-32-2"

Annex 1, sheet H10/2, replace in the table the IEC sheet number by "sheet 7004-31-2"

Add at the end new Sheet WY2.3W/1, new Sheets P19W/1 to P19W/3 and new Sheets P24W/1 to P24W/3, to read:

CATEGORY WY2.3W Sheet WY2.3W/1



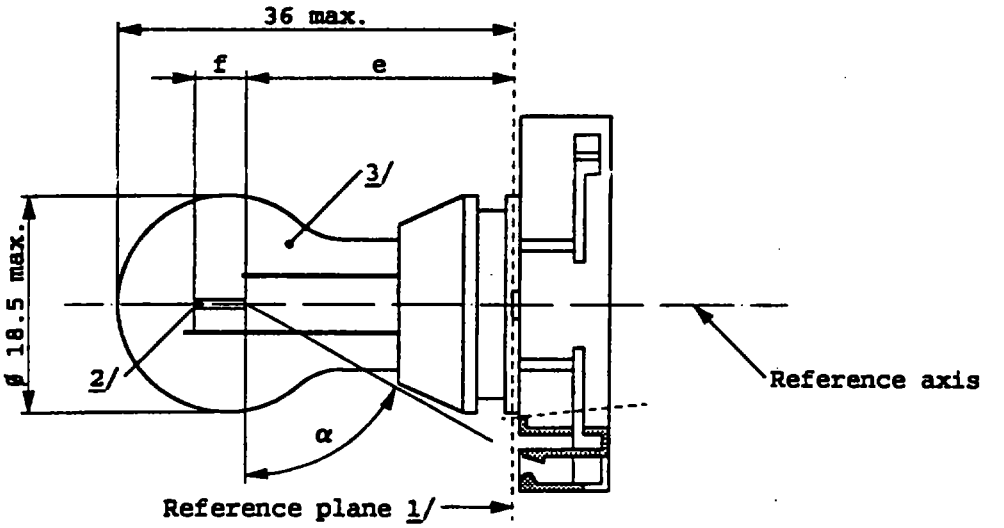
DIMENSIONS in mm		Filament lamps of normal production			Standard filament lamp 3/
		min.	nom.	max.	
e		10.3	10.8	11.3	10.8 ± 0.3
Lateral deviation 1/				1.0	0.5 max.
β		-15°	0°	+15°	0° ± 5°
Cap W 2 x 4.6d in accordance with IEC Publ. 61 (sheet 7004-94-2)					
ELECTRICAL AND PHOTOMETRIC CHARACTERISTICS					
Rated values	Volts		12		12
	Watts		2.3		2.3
Test voltage	Volts		13.5		
Objective values	Watts		2.5 max.		2.5 max.at 13.5 V
	Luminous flux lm		11.2		
	±%		20		
Reference luminous flux : Amber bulb: 11.2 lm Clear bulb: 18.6 lm at approx. 13.5 V					

1/ Maximum lateral deviation of filament centre from two mutually perpendicular planes both containing the reference axis and one containing axis X-X.

2/ The light emitted from production lamps shall be amber. (See also note 3/).

wnite. For amber standard filament lamps, changes of the bulb temperature shall not affect the luminous flux which might impair photometric measurements of signalling devices. Moreover the colour shall be in the lower part of the tolerance area.

CATEGORIES P19W, PY19W, PS19W AND PSY19W Sheet P19W/1



1/ The reference plane is defined by the meeting points of the cap-holder fit.

2/ No actual filament diameter restrictions apply but the objective is d max.= 1.1 mm.

3/ The light emitted from normal production lamps shall be white for categories P19W and PS19W and amber for categories PY19W and PSY19W. (See also note 8/).

CATEGORIES P19W, PY19W, PS19W AND PSY19W Sheet P19W/2

DIMENSIONS in mm 4/			Filament lamps of normal production			Standard filament lamp 8/
			min.	nom.	max.	
e		5/ 6/		24.0		24.0
f		5/ 6/		4.0		4.0 ± 0.2
α		7/	61.5°			61.5° min.
P19W: Cap PGU20/1 PS19W: Cap PG20/1 PY19W: Cap PGU20/2 PSY19W: Cap PG20/2 in accordance with IEC Publ. 61 (sheet 7004-...-1)						
ELECTRICAL AND PHOTOMETRIC CHARACTERISTICS						
Rated values		Volts		12		12
		Watts		19		19
Test voltage		Volts		13.5		13.5
Objective values	Watts			20 max.		20 max.
	Luminous flux	P19W PS19W		350 ± 15 %		
		PY19W PSY19W		215 ± 20 %		
Reference luminous flux Clear bulb: 350 lm at approx. 13.5 V Amber bulb: 215						

4/ For categories PS19W and PSY19W, dimensions shall be checked with O-ring removed.

5/ The filament position is checked by means of a "box-system". Sheet P19W/3.

6/ The ends of the filament are defined as the points where, when the viewing direction is perpendicular to the plane through the filament lead-in wires as showed in the drawing on sheet P19W/1, the projection of the outside of the end turns crosses the filament axis.

7/ No part of the cap beyond to the reference plane shall interfere with angle α. The bulb shall be optically distortion free within the angle 2α + 180°.

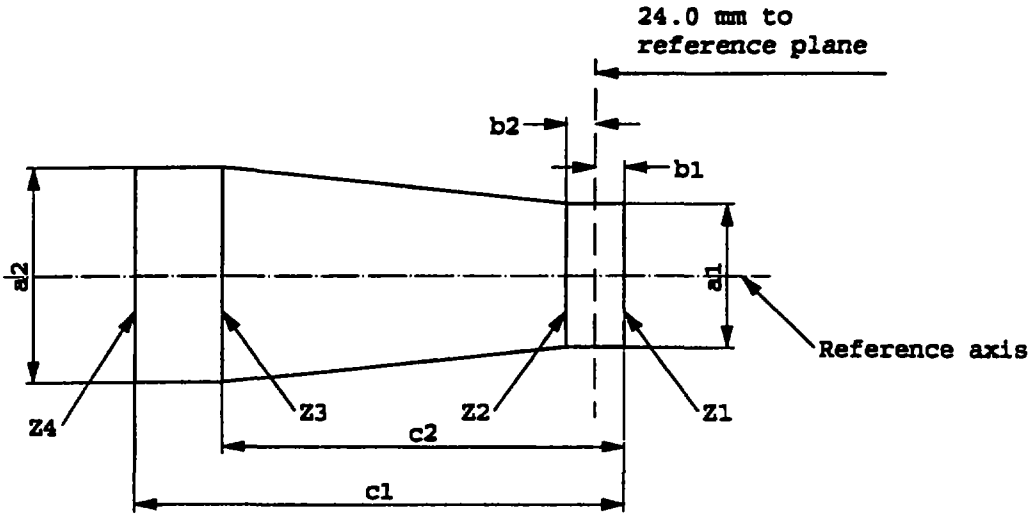
8/ The light emitted from standard filament lamps shall be white for categories P19W and PS19W and white or amber for categories PY19W and PSY19W. For amber standard filament lamps, changes of the bulb temperature shall not affect the luminous flux which might impair photometric measurements of signalling devices. Moreover, the colour shall be in the lower part of the tolerance area.

CATEGORIES P19W, PS19W, PY19W AND PSY19W Sheet P19W/3

Screen projection requirements

This test is used to determine, by checking whether the filament is correctly positioned relative to the reference axis and the reference plane, whether a lamp complies with the requirements.

Dimensions in millimetres



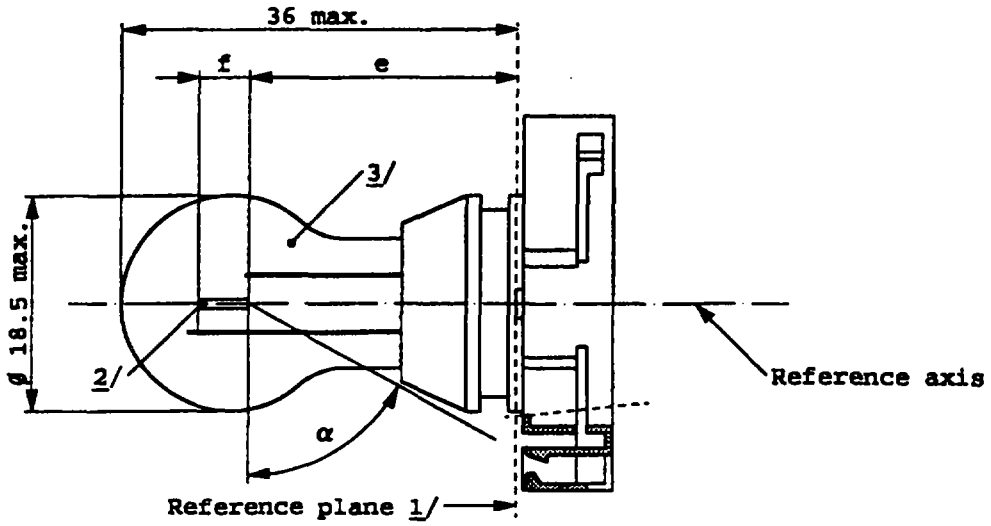
	a1	a2	b1,b2	c1	c2
Filament lamps of normal production	2.9	3.9	0.5	5.2	3.8
Standard filament lamps	1.5	1.7	0.25	4.7	3.8

The filament position is checked in two mutually perpendicular planes, one of them being the plane through the lead-in wires.

The ends of the filament as defined on sheet P19W/2, note 2, shall lie between lines Z1 and Z2 and between lines Z3 and Z4.

The filament shall lie entirely within the limits shown

CATEGORIES P24W, PY24W, PS24W AND PSY24W Sheet P24W/1



1/ The reference plane is defined by the meeting points of the cap-holder fit.

2/ No actual filament diameter restrictions apply but the objective is d max.= 1.1 mm.

3/ The light emitted from normal production lamps shall be white for categories P24W and PS24W and amber for categories PY24W and PSY24W. (See also note 8/)

CATEGORIES P24W, PY24W, PS24W AND PSY24W Sheet P24W/2

DIMENSIONS in mm 4/		Filament lamps of normal production			Standard filament lamp 8/
		min.	nom.	max.	
e	5/ 6/		24.0		24.0
f	5/ 6/		4.0		4.0 ± 0.2
α	7/	61.5°			61.5° min.
P24W: Cap PGU20/3 PS24W: Cap PG20/3 PY24W: Cap PGU20/4 PSY24W: Cap PG20/4	in accordance with IEC Publ. 61 (sheet 7004-..-1)				

ELECTRICAL AND PHOTOMETRIC CHARACTERISTICS				
Rated values		Volts	12	12
		Watts	24	24
Test voltage		Volts	13.5	13.5
Objective values	Watts		25 max.	25 max.
	Luminous flux	P24W PS24W	500 +10/-20 %	
		PY24W PSY24W	300 +15/-25 %	
Reference luminous flux	Clear bulb: 500 lm at approx. 13.5 V Amber bulb: 300			

4/ For categories PS24W and PSY24W, dimensions shall be checked with O-ring removed.

5/ The filament position is checked by means of a "box-system". Sheet P24W/3.

6/ The ends of the filament are defined as the points where, when the viewing direction is perpendicular to the plane through the filament lead-in wires as showed in the drawing on sheet P24W/1, the projection of the outside of the end turns crosses the filament axis.

7/ No part of the cap beyond to the reference plane shall interfere with angle α. The bulb shall be optically distortion free within the angle 2α + 180°.

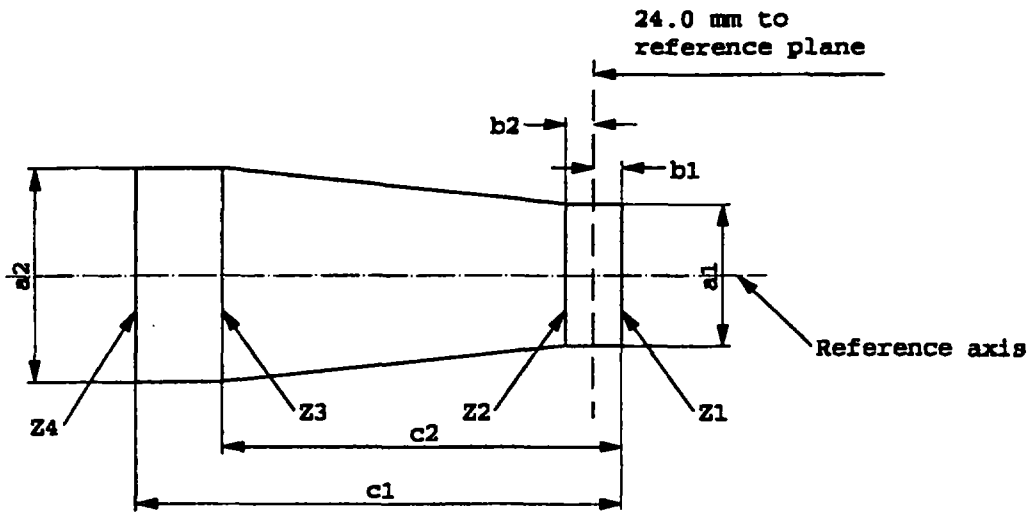
8/ The light emitted from standard filament lamps shall be white for categories P24W and PS24W and white or amber for categories PY24W and PSY24W. For amber standard filament lamps, changes of the bulb temperature shall not affect the luminous flux which might impair photometric measurements of signalling devices. Moreover, the colour shall be in the lower part of the tolerance area.

CATEGORIES P24W, PS24W, PY24W AND PSY24W Sheet P24W/3

Screen projection requirements

This test is used to determine, by checking whether the filament is correctly [illegible] lamp complies with the requirements.

Dimensions in millimetres



	a1	a2	b1,b2	c1	c2
Filament lamps of normal production	2.9	3.9	0.5	5.2	3.8
Standard filament lamps	1.5	1.7	0.25	4.7	3.8

The filament position is checked in two mutually perpendicular planes, one of them being the plane through the lead-in wires.

The ends of the filament as defined on sheet P24W/2, note 6/ shall lie between lines Z1 and Z2 and between lines Z3 and Z4.

The filament shall lie entirely within the limits shown