



**Economic and Social  
Council**

Distr.  
GENERAL

ECE/TRANS/WP.29/2009/18  
17 December 2008

ENGLISH  
Original: ENGLISH AND FRENCH

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**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

**World Forum for Harmonization of Vehicle Regulations**

One-hundred-and-forty-seventh session  
Geneva, 10 - 13 March 2009  
Item 4.2.13 of the provisional agenda

**1958 AGREEMENT**

Consideration of draft amendments to existing Regulations

Proposal for Supplement 33 to the 03 series of amendments to Regulation No. 37  
(Filament lamps of power driven vehicles and their trailers)

Submitted by the Working Party on Lighting and Light-Signalling (GRE) \*/

The text reproduced below was adopted by GRE at its sixtieth session. It is based on ECE/TRANS/WP.29/GRE/2008/39, not amended and ECE/TRANS/WP.29/GRE/2008/49, not amended. It is submitted to WP.29 and AC.1 for consideration (ECE/TRANS/WP.29/GRE/60, para. 6).

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\*/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

Annex 1,

The list of categories of filament lamps and their sheets, amend to read:

"

Group 2

Only for use in signalling lamps, cornering lamps, reversing lamps and rear registration plate lamps:

<u>Category</u>	<u>Sheet number(s)</u>
C5W	C5W/1
H6W	H6W/1
H10W	H10W/1 to 2
HY6W	H6W/1
HY10W	H10W/1 to 2
HY21W	H21W/1 to 2
...	...

"

The list of sheets for filament lamps and their sequence, amend to read:

"

<u>Sheet number(s)</u>
...
H6W/1
H10W/1 to 2
H21W/1 to 2
...

"

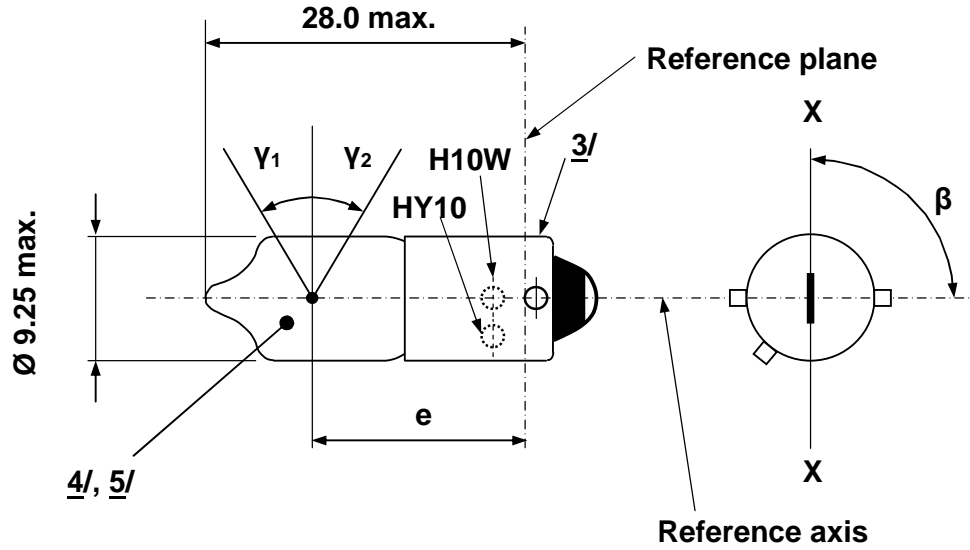
Insert new sheets H10W/1 to 2, between sheet H6W/1 and sheet H21W/1, to read (see next pages):

"

**CATEGORIES H10W AND HY10W**

**Sheet H10W/1**

The drawings are intended only to illustrate the essential dimensions (in mm) of the filament lamp



Dimensions in mm		Filament lamps of normal production			Standard filament lamp
		min.	nom.	max.	
e		14.25	15.0	15.75	15.0 ± 0.25
Lateral deviation	<u>1/</u>			0.75	0.4 max
□		82.5°	90°	97.5°	90° ± 5°
γ1, γ2	<u>2/</u>	30 °			30° min.
Cap:	H10W: BAU9s HY10W: BAUZ9s	in accordance with IEC Publication 60061 (sheet 7004- [...]) in accordance with IEC Publication 60061 (sheet 7004- [...])			
<b>ELECTRICAL AND PHOTOMETRIC CHARACTERISTICS</b>					
Rated values	Volts	12			12
	Watts	10			10
Test voltage	Volts	13.5			13.5
Objective values	Watts	12 max.			12 max.
	Luminous flux	H10W	200 ± 12 %		
		HY10W	120 ± 17 %		
Reference luminous flux at approximately 13.5 V					White: 200 lm
					Amber: 120 lm

**CATEGORIES H10W AND HY10W**

**Sheet H10W/2**

- 1/ Maximum lateral deviation of filament centre from two mutually perpendicular planes both containing the reference axis and one containing axis X-X.
- 2/ In the area between the outer legs of the angles  $\gamma_1$  and  $\gamma_2$ , the bulb shall have no optically distorting areas and the curvature of the bulb shall have a radius not less than 50 % of the actual bulb diameter.
- 3/ Over the entire length of the cap there shall be no projections or soldering exceeding the permissible maximum diameter of the cap.
- 4/ The light emitted from filament lamps of normal production shall be white for category H10W and amber for category HY10W.
- 5/ The light emitted from standard filament lamps shall be white for category H10W and amber or white for category HY10W. "

Sheet H13/4, the table, amend to read:

" .....

Cap:	H13: P26.4t H13A: PJ26.4t	in accordance with IEC Publication 60061 (sheet 7004-128-3)
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....."

Sheet H27W/2, the table, amend to read:

" .....

Cap	H27W/1: PG13 H27W/2: PGJ13	in accordance with IEC Publication 60061 (sheet 7004-107-4)
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....."

Sheet T4W/1, the table, amend to read:

" .....

Cap BA9s	in accordance with IEC Publication 60061 (sheet 7004-14-9)
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....."

Sheet W21/5W/1, the table, amend to read:

" .....

Cap W3x16q	in accordance with IEC Publication 60061 (sheet 7004-106-3)
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....."

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