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**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

Sixtieth session

Geneva, 1 - 3 October 2008

Item 3(a) of the provisional agenda

**REGULATION No. 37**  
**(Filament lamps)**

**Proposal for Supplement 33 to the 03 series of amendments to Regulation No. 37**

**Submitted by the expert from India \*/**

The text reproduced below was prepared by the expert from India in order to introduce into Regulation No. 37 new (WY10W; WY16W) light source categories for signalling lamps. The proposal is based on a document without symbol (informal document No. GRE-59-38), distributed during the fifty-ninth GRE session (see report ECE/TRANS/WP.29/GRE/59, para. 6). The proposal is based on the current text of the Regulation including draft Supplement 32 to the 03 series of amendments (ECE/TRANS/WP.29/2008/84). The modifications to the existing text of the Regulation are marked in bold characters.

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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.

A. PROPOSAL

The list of contents, the annexes, amend to read:

Annex 1,

The list of categories of filament lamps, grouped, and their sheet numbers, 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
....	....
W5W	W5W/1
<b>WY10W</b>	<b>WY10W/1</b>
W15/5W	W15/5W/1 to 3
W16W	W16W/1
<b>WY16W</b>	<b>WY16W/1</b>
W21W	W21W/1 to 2
...	...."

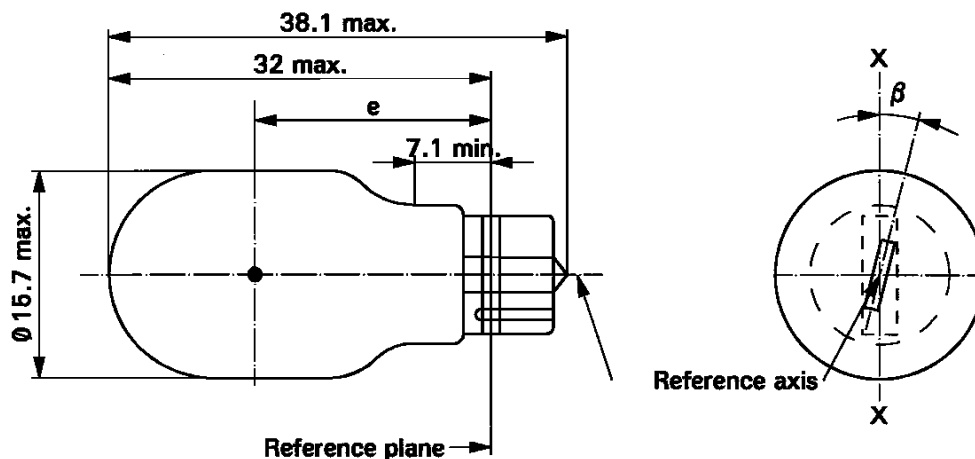
The list of sheets for filament lamps and their sequence, amend to read:

"

<u>Sheet number(s)</u>
...
C5W/1
...
W5W/1
<b>WY10W/1</b>
W15/5W/1 to 3
W16W/1
<b>WY16W/1</b>
W21W/1 to 2
...."

Insert a new sheet WY10W/1, between sheet W5W/1 and sheet W15/5W/1 to 3, to read (see next pages).

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

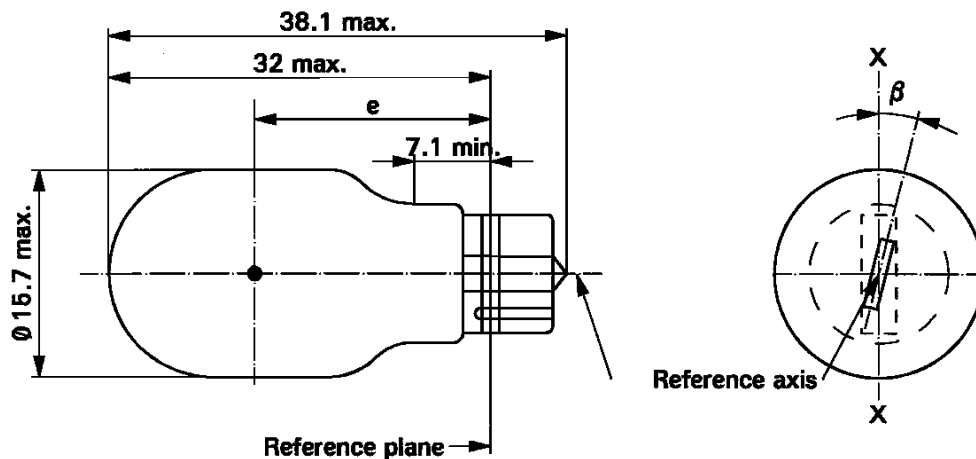


Dimensions in mm		Filament lamps of normal production			Standard filament lamp
		min.	nom.	max.	
e		18.3	20.6	22.9	20.6 ± 0.3
Lateral deviation	<u>1/</u>			1.0	0.5 max.
$\beta$		-15°	0°	+ 15°	0° ± 5°
Cap W3x9.5d – As per the attached drawing. (To be added in IEC Publication 60061)					
<b>ELECTRICAL AND PHOTOMETRIC CHARACTERISTICS</b>					
Rated values	Volts	12			12
	Watts	10			10
Test voltage	Volts	13.5			13.5
Objective values	Watts	11 max.			11 max.
	Luminous flux	75 ± 20 %			
Reference luminous flux at approximately 13.5 V:		White: 125 lm			
		Amber: 75 lm	280 lm		

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

Insert a new sheet WY16W /1, between sheet W16W/1 and sheet W21W/1 to 2, to read:

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	18.3	20.6	22.9	20.6 ± 0.3
Lateral deviation <u>1/</u>			1.0	0.5 max.
β	-15°	0°	+ 15°	0° ± 5°
Cap W3x9.5d – As per the attached drawing. (To be added in IEC Publication 60061)				
<b>ELECTRICAL AND PHOTOMETRIC CHARACTERISTICS</b>				
Rated values	Volts	12		12
	Watts	16		10
Test voltage	Volts	13.5		13.5
Objective values	Watts	21.35 max.		21.35 max.
	Luminous flux	189 ± 20 %		
Reference luminous flux at approximately 13.5 V:	White:	310 lm		
	Amber:	189 lm	280 lm	

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

B. JUSTIFICATION

This proposal is intended to introduce into Regulation No. 37 new WY10W and WY16W light source categories for signalling lamps. W16W category already exists in Regulation No. 37 and the expert from India has proposed, separately, the inclusion of W10W category. Amber versions of these bulbs will be useful for direction indicator for L category vehicles.