Proposal for Supplement 40 to the 03 series of amendments of Regulation No. 37

Note: The text reproduced below was prepared by the expert from the International Electrotechnical Commission (IEC) in order to clarify some provisions in Regulation No. 37 Revision 6, to amend data in draft Supplement 39 (WP.29/2012/09) and to correct data in the proposal by GTB document GRE/2012/02. The modifications to the current text of Regulation No. 37 are marked in bold characters, and in red when referring to document GRE/2012/02.

I. Proposal

Paragraph 3.6.3., amend to read:

"3.6.3. The colour of the light emitted shall be measured by the method specified in Annex 5. Each measured value shall lie within the required tolerance area[1]. Moreover, in the case of filament lamps emitting white light, the measured values shall not deviate more than 0.020 unit in the x and/or y direction from a point of choice on the Planckian locus (IEC Publication 15.2 Colorimetry, 1986). Filament lamps for use in light signalling devices shall meet the requirements as specified in paragraph 2.4.2. of IEC Publication 60809, Amendment **5** to Edition 2."

Annex 1, the list of categories of filament lamps and their sheets, amend to read:

"....

Group 2

.....

R10W	*[6]	R10W/1	
RR5W	*[6]	R5W/1	
RR10W	*[6]	R10W/1	
RY10W	*[6]	R10W/1	
....			
....			
WR5W		W5W/1	
WR21/5W		WR21/5W/1	(W21/5W/2 to 3)
WY5W	*[6]	W5W/1	
WY10W	*[6]	W10W/1	
WY16W		W16W/1	
WY21W		WY21W/1 to 2	

[1] For Conformity of Production purposes of amber and red colour only, at least 80 per cent of the measuring results shall lie within the required tolerance area.

Group 3

For replacement purposes only (see transitional provisions of paragraphs 8.3. and 8.4.):

Category		*Sheet number(s)*	*As specified by transitional provisions in paragraph 8.3*		*As specified by transitional provisions in paragraph 8.4*	
			Supplement	*Period*	*Supplement*	*Period*
C5W	*[7], *[8]	C5W/1	38	12 months	38	unlimited
....						
....						
R10W	*[7], *[8]	R10W/1	38	12 months	38	unlimited
~~RR5W~~	~~*[7], *[8]~~	~~R5W/1~~	~~38~~	~~12 months~~	~~38~~	~~unlimited~~
~~RR10W~~	~~*[7], *[8]~~	~~R10W/1~~	~~38~~	~~12 months~~	~~38~~	~~unlimited~~
RY10W	*[7], *[8]	R10W/1	38	12 months	38	unlimited
....						
....						
W10W	*[7], *[8]	W10W/1	38	12 months	38	unlimited
WY2.3W		**WY2.3W/1**	**40**	**24 months**	**40**	**unlimited**
WY5W	*[7]	**W5W/1**	**40**	**12 months**	**40**	**unlimited**
WY10W	*[7], *[8]	W10W/1	38	12 months	38	unlimited

....

“

Annex 1, sheet H17/2, the table, amend to read:

“....

p	28.95	28.95
α	max. 40°	max. 40°
Cap PU43t-4 in accordance with IEC Publication 60061 (sheet 7004-171-1)		
ELECTRICAL AND PHOTOMETRIC CHARACTERISTICS		

....”

Annex 1, sheet PY27/7W/1 the table, bottom row, amend:

“....

Reference luminous flux at approximately 13.5 V:	White: 475 and 36 lm Amber: 280 and 21 lm	

“

to read:

"...

Reference luminous flux at approximately 13.5 V:	**White: 475 and 36 lm** **Amber: 280 and 21 lm**

"

Annex 1, sheet R2/3, amend to read:

"....

c/30.0 [2/] c/33.0	0.50 c/30.0 mv [3/]	**±0.30**	±0.15

..."

Annex 1, sheet R5W/1, the table, bottom row, amend:

"...

Reference luminous flux at approximately 13.5 V:	White: 50 lm Red: 12 lm

"

to read:

" ....

Reference luminous flux at approximately 13.5 V:	**White: 50 lm** **Red: 12 lm**

"

Annex 1, sheet R10W/1, the table, bottom row, amend:

"....

Reference luminous flux at approximately 13.5 V:	White: 125 lm Amber: 75 lm Red: 30 lm	

"

to read:

"....

Reference luminous flux at approximately 13.5 V:	**White: 125 lm** **Amber: 75 lm** **Red: 30 lm**

"

Annex 1, sheet R10W/1, the table, bottom row, amend:

"....

Reference luminous flux at approximately 13.5 V:	White: 125 lm Amber: 75 lm Red: 30 lm	

"

to read:

"....

Reference luminous flux at approximately 13.5 V:	**White: 125 lm** **Amber: 75 lm** **Red: 30 lm**

"

Annex 1, sheet W5W/1, the table, bottom row, amend:

"....

Reference luminous fluxat approximately 13.5 V:	White: 50 lm Amber: 30 lm Red: 1 2 lm	

"

to read:

"....

Reference luminous fluxat approximately 13.5 V:	**White: 50 lm** **Amber: 30 lm** **Red: 12 lm**

"

Annex 1, sheet WP21W/1, the table, bottom row, amend:

"....

Reference luminous flux at approximately 13.5 V	White: 460 lm Amber: 280 lm	

"

to read:

"...

Reference luminous flux at approximately 13.5 V	**White: 460 lm** **Amber: 280 lm**

"

Annex 1, sheet WY2.3W/1, the table, bottom row, amend:

"....

Reference luminous flux at	White: 18.6 lm	

approximately 13.5 V	Amber: 11.2 lm	

"

to read:

"....

Reference luminous flux at approximately 13.5 V	**White: 18.6 lm**
	Amber: 11.2 lm

"

Annex 1, sheet WY21W/1, the table, bottom row, amend:

"....

Reference luminous flux at approximately 13.5 V:	White: 460 lm	
	Amber: 280 lm	

"

to read:

"....

Reference luminous flux at approximately 13.5 V:	**White: 460 lm**
	Amber: 280 lm

"

II. Justification

1. Paragraph 3.6.3. concerns an update of a reference to an amendment of the IEC publication 60809.

2. Annex 1, the list of filament lamps and their sheets; comment to the GTB proposal GRE/2012/02. Categories RR5W, RR10W and WR5W are not available in 6V version. Nevertheless RR5W and RR10W 6V had been listed for phasing out. This is corrected. Moreover, category WY5W the 6 V version was missing for phasing out. This was added to the group 3 for phasing out.

3. Annex 1, sheet H17/2, the IEC cap sheet number is updated. (Draft Supplement 39, WP.29/2012/09).

4. Annex 1, sheets PY27/7W/1, R5W/1, R10W/1, W5W/1, WP21W/1, WY2.3W/1 and WY21W/1 concerns a administrative correction. The reference flux values are indicated in the column of "Filament lamps for production". This is an error because the reference luminous flux is defined only for "Standard filament lamps". Moreover, in sheet W5W/1, the value for red flux was interrupted by a space (1 2lm).

5. Annex 1, sheet R2/3, the value ±0,30 needs correction by a decimal dot: ±0.30.