

### **Economic and Social Council**

Distr.: General 6 August 2015

Original: English

### **Economic Commission for Europe**

Inland Transport Committee

#### World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

Seventy-fourth session Geneva, 20–23 October 2015 Item 5 of the provisional agenda Regulations Nos. 37 (Filament lamps), 99 (Gas discharge light sources) and 128 (Light emitting diodes light sources)

## **Proposal for Supplement 45 to the 03 series of amendments to Regulation No. 37 (Filament lamps)**

### Submitted by the expert from the International Automotive Lighting and Light Signalling Expert Group<sup>\*</sup>

The text reproduced below was prepared by the expert from the International Automotive Lighting and Light Signalling Expert Group (GTB) to propose a set of light source categories for phasing out. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

<sup>&</sup>lt;sup>\*</sup> In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



### I. Proposal to amend Regulation No. 37

Annex 1,

List of categories of filament lamps, Group 1, amend to read:

"Group 1

Without general restrictions:

* <sup>6</sup>	HS1/1 to 5
<u>*</u> 6	<del>HS2/1 to 3</del>
	HS5/1 to 4
<u>*</u> 5	HS5A/1 to 3
*2	P24W/1 to 3
*2	PSX26W1 to 3
<u>*</u> 2	P24W/1 to 3
*6	\$1/\$2/1 to 2
-	*6 *6 *5 *2 *2 *2 *2 *2 *2

List of categories of filament lamps, Group 2, amend to read:

"Group 2

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

Category		Sheet number(s)	
P21/5W	* <sup>6</sup>	P21/5W/1 to 3	
<del>P24W</del>		P24W/1 to 3	
P27W		P27W/1 to 2	
•••			
W21/5W		W21/5W/1 to 3	
WP21W		WP21W/1 to 2	
WPY21W		WP21W/1 to 2	
WR5W		W5W/1	
WY21W		WY21W/1 to 2	

List of categories of filament lamps, Group 3, amend to read:

#### "Group 3

			As specified by transitional provisions in paragraph 8.3.		1 0	by transitional in paragraph 8.4.
Category		Sheet number(s)	Supplement	Period	Supplement	Period
		•				
H14		H14/1 to 4	38	12 months	38	unlimited
HB3A		HB3/1 to 4	40	60 months	40	unlimited
HS1	*7	HS1/1 to 5	38	12 months	38	unlimited
	*7		38	12 months	38	unlimited
HS2	*6	HS2/1 to 3	45	[12 months]	45	unlimited
HS5A	*2	HS5A/1 to 3	45	[12 months]	45	unlimited
HS6	*4	HS6/1 to 4	40	60 months	40	unlimited
P21/5W	* <sup>7</sup> , * <sup>8</sup>	P21/5W/1 to 3	38	12 months	38	unlimited
P24W	*8	P24W/1 to 3	45	[12 months]	45	unlimited
PC16W	*8	PC16W/1 to 3	37	60 months	37	unlimited
PSR24W	*8	P24W/1 to 3	37	12 months	37	unlimited
PX24W	*2	P24W/1 to 3	45	[12 months]	45	unlimited
PY19W	*8	P19W/1 to 3	37	60 months	37	unlimited
W10W	*7, *8	W10W/1	38	12 months	38	unlimited
WP21W	*8	WP21W/1 to 2	45	[12 months]	45	unlimited
WPY21W	*8	WP21W/1 to 2	45	[12 months]	45	unlimited
WY2.3W		WY2.3W/1	40	24 months	40	unlimited
WY5W	<b>*</b> 7	W5W/1	40	12 months	40	unlimited
WY10W	*7, *8	W10W/1	38	12 months	38	unlimited

For replacement purposes only (see transitional provisions of parage	raphs 8.3. and 8.4.):
--	-----------------------

### **II.** Justification

1. This proposal phases out the following additional set of categories which shall be moved to Group 3:

From Group 1:	HS2, HS5A and PX24W
From Group 2:	P24W, WP21W and WPY21W

2. The intention is a transitional period of twelve months after the Supplement enters into force. For this and for future proposals, it is suggested to specify a transitional period

ending at an effective date of 1 September, similar to the International Whole Vehicle Type Approval (IWVTA) for new series of amendments, as expressed in the simplification proposal ECE/TRANS/WP.29/GRE/2015/28.

3. Should in the future, the data sheets for light sources be moved from Regulation No. 37 to the draft Resolution on the common specification of light source categories, as proposed in ECE/TRANS/WP.29/GRE/2015/28, this would spare the need to amend Regulation No. 37. Instead, the above proposals should be implemented, in a modified form, in the Resolution (see section III below).

# III. Proposal to amend the draft Resolution on the common specification of light sources (ECE/TRANS/WP.29/GRE/2015/28)

Paragraph 3.1., amend to read:

۱				
	٠	٠	٠	

Group 1				
Filament light source categories (or types within these categories) without general restrictions:				
Category	Note(s)	Sheet number(s)		
H1	<b>*</b> 6	H1/1 to 3		
H3	<b>*</b> 6	H3/1 to 4		
H4		H4/1 to 5		
H7		H7/1 to 4		
H8		H8/1 to 4		
H8B		H8/1 to 4		
H9	*3	H9/1 to 4		
H9B	*3	H9/1 to 4		
H10		H10/1 to 3		
H11		H11/1 to 4		
H11B		H11/1 to 4		
H13		H13/1 to 4		
H15		H15/1 to 5		
H16		H16/1 to 4		
H16B		H16/1 to 4		
H17		H17/1 to 6		
H18		H18/1 to 4		
H19		H19/1 to 5		
H20		H20/1 to 4		
H21W	*2	H21W/1 to 2		
H27W/1		H27W/1 to 3		
H27W/2		H27W/1 to 3		
HB3		HB3/1 to 4		
HB4		HB4/1 to 4		
HIR2		HIR2/1 to 3		
HS1	<b>*</b> 6	HS1/1 to 5		

HS2	<u>*</u> 6	HS2/1 to 3
HS5		HS5/1 to 4
HS5A	<u>*</u> 5	HS5A/1 to 3
PSX24W	*2	P24W/1 to 3
PSX26W	*2	PSX26W1 to 3
PX24W	<u>*</u> 2	<del>P24W/1 to 3</del>
S2	<b>*</b> 6	S1/S2/1 to 2

a <b>t light source catego</b> use in signalling lam			ear registration plate lamps
Category	Note(s)	Sheet number(s)	
C5W	*6	C5W/1	
H6W		H6W/1	
H10W/1		H10W/1 to 2	
HY6W		H6W/1	
HY10W		H10W/1 to 2	
HY21W		H21W/1 to 2	
P13W		P13W/1 to 3	
P21W	*6	P21W/1 to 2	
P21/4W		P21/4W/1	(P21/5W/2 to 3)
P21/5W	*6	P21/5W/1 to 3	
<del>P24W</del>		P24W/1 to 3	
P27W		P27W/1 to 2	
P27/7W		P27/7W/1 to 3	
PR21W		PR21W/1	(P21W/2)
PR21/5W		PR21/5W/1	(P21/5W/2 to 3)
PS19W		P19W/1 to 3	
PS24W		P24W/1 to 3	
PSY19W		P19W/1 to 3	
PSY24W		P24W/1 to 3	
PW13W		P13W/1 to 3	
PW16W		PC16W/1 to 3	
PWR16W		PC16W/1 to 3	
PWY16W		PC16W/1 to 3	
PW19W		P19W/1 to 3	
PWR19W		P19W/1 to 3	
PWY19W		P19W/1 to 3	
PW24W		P24W/1 to 3	
PWR24W		P24W/1 to 3	
PWY24W		P24W/1 to 3	

PY21W       PY21/SW       PY21/5W/1 to 3         PY24W       P24W/1 to 3         PY24W       P24W/1 to 3         PY27/7W       PY27/7W/1       (P27/7W/2 to 3)         RSW       * <sup>6</sup> R5W/1         R10W       * <sup>6</sup> R10W/1         RSW       * <sup>6</sup> R10W/1         RY10W       * <sup>6</sup> R10W/1         RY10W       * <sup>6</sup> R10W/1         W2.3W       W2.3W/1       W2.3W/1         W3W       * <sup>6</sup> W3W/1         W3W       * <sup>6</sup> W5W/1         W10W       * <sup>6</sup> W10W/1         W16W       W16W/1       W21W         W21W       W21W/1 to 2       W21SW/1         W21W       W21W/1 to 2       W21SW/2 to 3)         WT21W       WT21/5W/1 to 3       WT21/7W/1 to 3         WT21W       WT21/7W/1 to 2       WT21/7W/1 to 3         WT21/W       WT21/7W/1 to 3       WT21/7W/1 to 3         WT50W       * <sup>6</sup> W5W/1      W				
PY24W       P24W/1 to 3         PY27/7W       PY27/7W/1       (P27/7W/2 to 3)         RSW       * <sup>6</sup> RSW/1         R10W       * <sup>6</sup> R10W/1         RR5W       RSW/1       RR5W         RR10W       R10W/1       RY10W         RY10W       * <sup>6</sup> R10W/1         Y10W       * <sup>6</sup> R10W/1         W2.3W       W2.3W/1       W2.3W/1         W3W       * <sup>6</sup> W3W/1         W5W       * <sup>6</sup> W5W/1         W10W       * <sup>6</sup> W10W/1         W15/5W       W15/5W/1 to 3         W16W       W21W/1 to 2         W21W       W21/5W/1 to 3         WP21W       W21/5W/1 to 2         WF21W       W21/5W/1 to 2         WR5W       W5W/1         WR21/5W       WR21/5W/1         WR21/5W       WR21/5W/1         WT21/W       WT21/7W/1 to 3         WT21/7W       WT21/7W/1 to 3         WTY21W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WT50W       * <sup>6</sup> W16W/1 <td>PY21W</td> <td></td> <td>PY21W/1</td> <td>(P21W/2)</td>	PY21W		PY21W/1	(P21W/2)
PY27/7W       PY27/7W/1       (P27/7W/2 to 3)         R5W       * <sup>6</sup> R5W/1         R10W       * <sup>6</sup> R10W/1         RFSW       R5W/1         RR10W       R10W/1         RY10W       * <sup>6</sup> R10W/1       RY10W         RY10W       * <sup>6</sup> R10W/1       RY10W         RY10W       * <sup>6</sup> R10W/1       W1         W2.3W       W2.3W/1         W3W       * <sup>6</sup> W3W       * <sup>6</sup> W5W       * <sup>6</sup> W10W       * <sup>6</sup> W10W/1       W1         W15/5W       W15/5W/1 to 3         W16W       W16W/1         W21W       W21W/1 to 2         W21/5W       W21/5W/1 to 3         WP21W       W21W/1 to 2         W75W       W5W/1         WR21/5W/1       W21/5W/2 to 3)         WT21/7W       WT21/7W/1 to 2         WT21/7W       WT21/7W/1 to 2         WT21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WTSW       * <sup>6</sup> W5W/1       W10W/1         W710W       * <sup>6</sup> <td>PY21/5W</td> <td></td> <td>PY21/5W/1 to 3</td> <td></td>	PY21/5W		PY21/5W/1 to 3	
R5W       * <sup>6</sup> R5W/1         R10W       * <sup>6</sup> R10W/1         RF5W       R5W/1         RR10W       R10W/1         RY10W       * <sup>6</sup> R10W/1       T4W/1         W2.3W       W2.3W/1         W3W       * <sup>6</sup> W3W       * <sup>6</sup> W3W       * <sup>6</sup> W5W       * <sup>6</sup> W10W       * <sup>6</sup> W10W1       W10W/1         W10W       * <sup>6</sup> W15/5W/1 to 3       W16W/1         W21/5W       W21/5W/1 to 2         W21/5W       W21/5W/1 to 2         WR2W       W21/5W/1         WR21/5W       WR21/5W/1         WR21/5W       WR21/5W/1         WR21/5W       WT21W/1 to 2         WT21/7W       WT21/7W/1 to 3         WT21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WTSW       * <sup>6</sup> W5W/1       W10W/1         WY10W       * <sup>6</sup> W10W/1       W16	PY24W		P24W/1 to 3	
R10W       *6       R10W/1         RR5W       R5W/1         RR10W       R10W/1         RY10W       *6         R10W/1       RY10W         RY10W       *6         R10W/1       Y10W         RY10W       *6         R10W/1       Y10W         W2.3W       W2.3W/1         W3W       *6         W3W       *6         W3W       *6         W10W       *6         W10W       *6         W10W       *6         W10W       *6         W10W/1       W15/5W/1 to 3         W16W       W16W/1         W21W       W21W/1 to 2         W21W       W21/5W/1 to 3         WP21W       WP21W/1 to 2         WR5W       W5W/1         WR21/5W       WR21/5W/1         WR21/5W       W21/5W/2 to 3)         WT21/W       WT21/W/1 to 2         WT21/7W       WT21/W/1 to 3         WTY21W       WT21/W/1 to 3         WTY21/W       WT21/7W/1 to 3         WTY21/W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to	PY27/7W		PY27/7W/1	(P27/7W/2 to 3)
R10W       R10W/1         RR5W       R5W/1         RR10W       R10W/1         RY10W       *6         R10W/1       *6         RY10W       *6         R10W/1       *6         W10W       *6         W2.3W/1       W2.3W/1         W3W       *6         W3W       *6         W5W       *6         W10W       *6         W10W       *6         W10W       *6         W15/5W       W15/5W/1 to 3         W16W       W16W/1         W21W       W21W/1 to 2         W21V       W215/5W/1 to 3         WP21W       W21/5W/1 to 2         WFY21W       W21/5W/1 to 2         WR5W       W5W/1         WR21/5W       WR21/5W/1         WR21/5W       W21/V/1 to 2         WT21W       WT21/W/1 to 3         WT21/7W       WT21/7W/1 to 3         WTY21W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WTSW       *6         W10W/1       W16W/1	R5W	* <sup>6</sup>	R5W/1	
RR10W       R10W/1         RY10W       *6       R10W/1         T4W       *6       T4W/1         W2.3W       W2.3W/1         W3W       *6       W3W/1         W5W       *6       W5W/1         W10W       *6       W10W/1         W15/5W       W15/5W/1 to 3         W16W       W16W/1         W21W       W21W/1 to 2         W21/5W       W21/5W/1 to 3         WP21W       WP21W/1 to 2         WR5W       W5W/1         WR21/5W       WS21/5W/1         WR21/5W       W721W/1 to 2         WR5W       W5W/1         WT21/W       WT21/7W/1 to 3         WT21/7W       WT21/7W/1 to 3         WTY21/W       WT21/7W/1 to 3         WT5W       *6         WT21/7W       W10W/1         WT216W       W16W/1   <	R10W	* <sup>6</sup>	R10W/1	
RY10W $*^6$ R10W/1T4W $*^6$ T4W/1W2.3WW2.3W/1W3W $*^6$ W3W/1W5W $*^6$ W5W/1W10W $*^6$ W10W/1W10W $*^6$ W10W/1W15/5WW15/5W/1 to 3W16WW16W/1W21WW21W/1 to 2W21/5WW21/5W/1 to 3WP21WW21/5W/1 to 3WP21WW21/5W/1 to 2WR5WW5W/1WR21/5WW721/7W/1 to 2WT21/7WWT21/7W/1 to 3WTY21WWT21/7W/1 to 3WTY21WWT21/7W/1 to 3WY5W $*^6$ W5W/1W121/7W/1 to 3WY5W $*^6$ W10W/1W16W/1WY10W $*^6$ W16W/1W16W/1	RR5W		R5W/1	
K110WK10W/1T4W $*^6$ T4W/1W2.3WW2.3W/1W3W $*^6$ W3W/1W5W $*^6$ W5W/1W10W $*^6$ W10W/1W15/5WW15/5W/1 to 3W16WW16W/1W21WW21W/1 to 2W21/5WW21/5W/1 to 3WP21WW21/5W/1 to 3WP21WWP21W/1 to 2WR5WW5W/1WR21/5WW721/5W/1WR21/5WW721/7W/1 to 2WT21/7WWT21/7W/1 to 3WTY21WWT21/7W/1 to 3WTY21WWT21/7W/1 to 3WY5W $*^6$ W5W/1W16W/1WY10W $*^6$ W10W/1W16W/1	RR10W		R10W/1	
14W       W2       W2.3W/1         W2.3W       W2.3W/1         W3W       *6       W3W/1         W5W       *6       W5W/1         W10W       *6       W10W/1         W15/5W       W15/5W/1 to 3         W16W       W16W/1         W21W       W21W/1 to 2         W21/5W       W21/5W/1 to 3         WP21W       W21/5W/1 to 2         WR5W       W5W/1         WR21/5W       WR21/5W/1         WR21/5W       WR21/5W/1         WR21/5W       WT21W/1 to 2         WT21/7W       WT21W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WY5W       *6         WSW/1       W10W/1         WY10W       *6         W10W/1       W16W/1	RY10W	*6	R10W/1	
W3W       * <sup>6</sup> W3W/1         W5W       * <sup>6</sup> W5W/1         W10W       * <sup>6</sup> W10W/1         W15/5W       W15/5W/1 to 3         W16W       W16W/1         W21W       W21W/1 to 2         W21/5W       W21/5W/1 to 3         WP21W       W21/5W/1 to 2         WPY21W       WP21W/1 to 2         WR5W       W5W/1         WR21/5W       WR21/5W/1         WR21/5W       WR21/5W/1 to 2         WT21/7W       WT21/7W/1 to 3         WTY21W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WT5W       * <sup>6</sup> W5W/1       W10W/1         WT21/7W       WT21/7W/1 to 3         WT21/7W       WT21/7W/1 to 3         WT5W       * <sup>6</sup> W5W/1         WY10W       * <sup>6</sup> W10W/1         WY10W       * <sup>6</sup> W10W/1         WY10W       * <sup>6</sup> W10W/1	T4W	*6	T4W/1	
W3W       *6       W3W/1         W5W       *6       W5W/1         W10W       *6       W10W/1         W15/5W       W15/5W/1 to 3         W16W       W16W/1         W21W       W21W/1 to 2         W21W       W21/5W/1 to 3         WP21W       WP21W/1 to 2         WP21W       WP21W/1 to 2         WR5W       W5W/1         WR21/5W       WR21/5W/1         WR21/5W       WT21W/1 to 2         WT21W       WT21W/1 to 3         WT21/7W       WT21/7W/1 to 3         WTY21W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WY5W       *6         W5W/1       W10W/1         WY10W       *6         W10W/1       W16W/1	W2.3W		W2.3W/1	
w3w       **6       W10W/1         W10W       **6       W10W/1         W15/5W       W15/5W/1 to 3         W16W       W16W/1         W21W       W21W/1 to 2         W21/5W       W21/5W/1 to 3         WP21W       WP21W/1 to 2         WP21W       WP21W/1 to 2         WR5W       W5W/1         WR21/5W       WR21/5W/1         WR21/5W       WR21/5W/1         WR21/5W       WR21/5W/1         WR21/5W       WR21/5W/1         WT21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WT5W       *6         W5W/1       W10W/1         WY10W       *6         W10W/1       W16W/1	W3W	<b>*</b> <sup>6</sup>	W3W/1	
w10w       w10w/1         W15/5W       W15/5W/1 to 3         W16W       W16W/1         W21W       W21W/1 to 2         W21/5W       W21/5W/1 to 3         WP21W       WP21W/1 to 2         WPY21W       WP21W/1 to 2         WR5W       W5W/1         WR21/5W       WR21/5W/1         WR21/5W       WR21/5W/1         WT21/7W       WT21W/1 to 2         WT21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WY5W       * <sup>6</sup> WS10W/1       W10W/1         WY10W       * <sup>6</sup> W10W/1       W16W/1	W5W	<b>*</b> <sup>6</sup>	W5W/1	
W16W       W16W/1         W21W       W21W/1 to 2         W21/5W       W21/5W/1 to 3         WP21W       WP21W/1 to 2         WPY21W       WP21W/1 to 2         WR5W       W5W/1         WR21/5W       WR21/5W/1         WR21/5W       WR21/5W/1         WR21/5W       WR21/5W/1         WT21/7W       WT21W/1 to 2         WTY21W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WY5W       *6         WSW/1       W10W/1         WY10W       *6         W16W/1       W16W/1	W10W	<b>*</b> <sup>6</sup>	W10W/1	
W21W       W21W/1 to 2         W21/5W       W21/5W/1 to 3         WP21W       WP21W/1 to 2         WPY21W       WP21W/1 to 2         WR5W       W5W/1         WR21/5W       WR21/5W/1 (W21/5W/2 to 3)         WT21W       WT21W/1 to 2         WT21W       WT21W/1 to 3         WT21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WY5W       *6         WY10W       *6         W10W/1       W16W/1	W15/5W		W15/5W/1 to 3	
W21/5W       W21/5W/1 to 3         WP21W       WP21W/1 to 2         WPY21W       WP21W/1 to 2         WR5W       W5W/1         WR21/5W       WR21/5W/1         WR21/5W       WR21/5W/1         WR21/5W       WT21/7W/1 to 3         WT21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WY5W       *6         WY10W       *6         WY16W       W16W/1	W16W		W16W/1	
WP21W       WP21W/1 to 2         WPY21W       WP21W/1 to 2         WR5W       W5W/1         WR21/5W       WR21/5W/1         WR21/5W       WR21/5W/1         WT21W       WT21W/1 to 2         WT21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WY5W       *6         WY10W       *6         W16W/1       W16W/1	W21W		W21W/1 to 2	
WPY21W       WP21W/1 to 2         WR5W       W5W/1         WR21/5W       WR21/5W/1       (W21/5W/2 to 3)         WT21W       WT21W/1 to 2         WT21/7W       WT21/7W/1 to 3         WTY21W       WT21W/1 to 2         WTY21W       WT21W/1 to 3         WTY21W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WY5W       * <sup>6</sup> W10W/1       * <sup>6</sup> W16W/1       W16W/1	W21/5W		W21/5W/1 to 3	
WR5W       W5W/1         WR21/5W       WR21/5W/1       (W21/5W/2 to 3)         WT21W       WT21W/1 to 2         WT21/7W       WT21/7W/1 to 3         WTY21W       WT21/7W/1 to 3         WTY21/7W       WT21/7W/1 to 3         WY5W       * <sup>6</sup> WY10W       * <sup>6</sup> W10W/1       W16W/1	WP21W		WP21W/1 to 2	
WR21/5W       WR21/5W/1       (W21/5W/2 to 3)         WT21W       WT21W/1 to 2         WT21/7W       WT21/7W/1 to 3         WTY21W       WT21W/1 to 2         WTY21/7W       WT21/7W/1 to 3         WY5W       * <sup>6</sup> WSW/1       WY10W         WY16W       W16W/1	WPY21W		WP21W/1 to 2	
WT21W       WT21W/1 to 2         WT21/7W       WT21/7W/1 to 3         WTY21W       WT21W/1 to 2         WTY21/7W       WT21/7W/1 to 3         WY5W       * <sup>6</sup> WY10W       * <sup>6</sup> W10W/1       W16W/1	WR5W		W5W/1	
WT21/7WWT21/7W/1 to 3WTY21WWT21W/1 to 2WTY21/7WWT21/7W/1 to 3WY5W*6W5W/1WY10W*6W10W/1WY16WW16W/1	WR21/5W		WR21/5W/1	(W21/5W/2 to 3)
WTY21WWT21W/1 to 2WTY21/7WWT21/7W/1 to 3WY5W*6W5W/1WY10W*6W10W/1WY16WW16W/1	WT21W		WT21W/1 to 2	
WTY21/7W     WT21/7W/1 to 3       WY5W     * <sup>6</sup> WSW/1       WY10W     * <sup>6</sup> W10W/1       WY16W     W16W/1	WT21/7W		WT21/7W/1 to 3	
WY5W     * <sup>6</sup> W5W/1       WY10W     * <sup>6</sup> W10W/1       WY16W     W16W/1	WTY21W		WT21W/1 to 2	
w13w     w3w/1       wY10W     * <sup>6</sup> w10W/1       wY16W     w16W/1	WTY21/7W		WT21/7W/1 to 3	
WY16W W16W/1 WY16W W16W/1	WY5W	<b>*</b> 6	W5W/1	
	WY10W	<b>*</b> 6	W10W/1	
WY21W WY21W/1 to 2	WY16W		W16W/1	
	 WY21W		WY21W/1 to 2	

ent light source cates for use in lamps as rep		hin these categories) r lamps installed on vehic	cles in use:
Category	Note(s)	Sheet number(s)	From date onwards
C5W	*7,*8	C5W/1	26 July 2013
C21W	*8	C21W/1 to 2	11 June 2008
H1	*7	H1/1 to 3	26 July 2013
H3	*7	H3/1 to 4	26 July 2013
H12		H12/1 to 3	15 July 2015
H13A		H13/1 to 4	15 July 2015
H14		H14/1 to 4	26 July 2013

HB3A		HB3/1 to 4	15 July 2018
HB4A		HB4/1 to 4	15 July 2018
HIR1	*3	HIR1/1 to 3	15 July 2015
HS1	*7	HS1/1 to 5	26 July 2013
HS2	*7	HS2/1 to 3	26 July 2013
	*6		1 September 2018
HS5A	*5	HS5A/1 to 3	1 September 2018
HS6	*4	HS6/1 to 4	15 July 2018
P19W	*8	P19W/1 to 3	28 October 2016
P21W	*7, *8	P21W/1 to 2	26 July 2013
P21/5W	* <sup>7</sup> , * <sup>8</sup> *8	P21/5W/1 to 3	26 July 2013
P24W		P24W/1 to 3	1 September 2018
PC16W	*8	PC16W/1 to 3	28 October 2016
PCR16W	*8	PC16W/1 to 3	28 October 2012
PCY16W	*8	PC16W/1 to 3	28 October 2016
PR19W	*8	P19W/1 to 3	28 October 2012
PR21/4W	*8	PR21/4W/1;	15 July 2015
		(P21/5W/2 to 3)	
PR24W	*8	P24W/1 to 3	28 October 2012
PR27/7W	*8	PR27/7W/1;	15 July 2015
		(P27/7W/2 to 3)	
PSR19W	*8	P19W/1 to 3	28 October 2012
PSR24W	*8	P24W/1 to 3	28 October 2012
PX24W	*2	P24W/1 to 3	1 September 2018
PY19W	*8	P19W/1 to 3	28 October 2016
R2		R2/1 to 3	11 June 2008
R5W	*7,*8	R5W/1	26 July 2013
R10W	*7,*8	R10W/1	26 July 2013
RY10W	*7, *8	R10W/1	26 July 2013
S1		S1/S2/1 to 2	11 June 2008
S2	*7	S1/S2/1 to 2	26 July 2013
<b>S</b> 3		S3/1	26 July 2013
T1.4W	*8	T1.4W/1	15 July 2015
T4W	*7, *8	T4W/1	26 July 2013
W3W	*7,*8	W3W/1	26 July 2013
W5W	*7,*8	W5W/1	26 July 2013
W10W	*7,*8	W10W/1	26 July 2013
WP21W	*8	WP21W/1 to 2	1 September 2018
WPY21W	*8	WP21W/1 to 2	1 September 2018
WY2.3W		WY2.3W/1	15 July 2015
WY5W	*7	W5W/1	15 July 2014
WY10W	*7, *8	W10W/1	26 July 2013

...."

7