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# GTB Working Group Light Sources

Status March 2012



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**GTB**

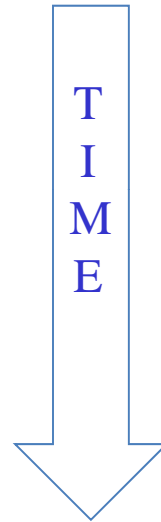
*The International Automotive Lighting  
and Light Signalling Expert Group*

*Groupe de Travail "Bruxelles 1952"*

# CONTENT

## Light source work items in the pipeline

- TF LED light sources
- WG Light Sources
- Committee of Experts
  
- GRE
- WP.29
- Awaiting enforcement



# TF LED light sources

- Start developing head lighting applications
  - Body text of the regulation
  - New categories suitable for head lighting (R19 and R113)
- Awaiting category LR3: red; cost effective design

# WG Light Sources

- Evaluation of the IEC cap proposals before submission to GRE of
  - P15/5W and PR15/5W
  - PY21/5W
  - LW2
- Amendment of colour endurance test (R37 and IEC60809) for
  - Coloured halogen signal lamps re. the measurement angle
  - PY21/5W to include continuous burning amber (DRL on motorcycles)
- Fine-tuning replaceability of light sources requirement in R48
- Evaluation (on request of IEC delegation to GRE) of
  - Correction to the phasing out proposals in R37;
  - Amendment of R37, actually corrections of "old" errors
  - Updates in R37 and R99 re. references to IEC publications
    - caps
    - colour endurance test

# WG Light Sources

## Other organizations

- IEC 60061: cap/ holders for D5S, H16\*, H17  
cap/ holders for P15/5W, PR15/5W, PY21/5W, LW2
- IEC 60809: Removal of sheets that are in R37, R99  
Requirements to non-repl. filament lamps  
Colour endurance test (hal. sign. and cont. amber)
- IEC 60810: Test requirements for LED light sources  
Test requirements for LED components  
Requirements to non-repl. filament lamps
- IEC Solid state lighting standards
  - IEC/PAS 62707, Part 1 white colour binning
- IEC 62471: Photo-biological safety of lamps and lamp systems

\* holder only

# Committee of Experts

## R37

- P15/5W and PR15/5W: India; awaiting IEC cap design
- PY21/5W; awaiting IEC cap design

## R LED light sources

- LW2: white; light guide application

# United Nations

## GRE

- R37 set 3 phasing out of categories  
H12, H13A, HIR1, HB3A, HB4A, HS6, PR21/4W, PR27/7W, T1.4W, WY2.3W
- Non-replaceable filament lamps testing (ad hoc group GRE DE)  
proposals to amend UN signal lamp regulations, IEC60809, IEC60810
- Amendments (updates and correction) to R37 and R99 (IEC)

## WP.29

- Presentation of “Replacement light sources and compliance”

### Approved last March:

- New Regulation for LED Light Sources
- R37 introduction of category H17
- Corrigendum for R37 Rev.6

# United Nations

## Awaiting enforcement [26-07-2012]

- R37 draft Supplement 38: Set 2 phasing out of categories H14, S3, all 6V

## Awaiting enforcement [26-07-2012]

- R99 draft Supplement 7: introduction of D5S, D6S, D8S



THANK YOU