GTB Working Group

Light Sources

Status March 2012
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, H1R1, 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
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