

GRE Task Force LED Substitutes / Retrofits (TF S/R)

Status report for GRE90

19/04/2024

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Meetings of TF S/R

- 16th meeting: 2023-March 07/08 hybrid meeting in Bonn (report: TFSR-16-04)
- 17th meeting: 2023-June 15: Aachen incl. lab demo (report: TFSR-17-04)
- 18th meeting: 2023-July 11: online meeting (report TFSR-18-03)
- 19th meeting: 2023-October 04: online meeting (report: TFSR-19-04)
- 20th meeting 2023-December-07: online meeting (report: TFSR-20-03)
- 21st meeting 2024-January-26: online meeting (report: TFSR-21-02rev1)

Actions completed :

- Step 1: LED Substitutes
- Step 2: LED Replacements (“Retrofits”)
 - Step 2A: Administrative items
 - Step 2B: Technical items based on “full equivalence”



New work item:
re-evaluate equivalence criteria of high power LEDr,
as assigned by GRE87 (GRE87 report, paragraph 15;
see also GRE-87-02)

Documents submitted to GRE-90

- GRE/2024/02: formal proposal for an H11-LED with a bi-directional configuration
- GRE-90-02 : informal document to support the formal proposal: with changes to the existing category sheet highlighted in colour

Next steps for TF S/R

Question to GRE90 from TFSR21 (after approval of the H11 LED modifications by GRE)

- Will TF S/R continue to work on other category sheets?
- Or will the TFSR be closed?
- Will NGOs prepare the proposals and submit directly to GRE (as is done for other light source proposals into RE5) or will NGOs submit proposals to the TF S/R?

Proposal for a way forward:

- TF S/R is maintained to review proposals and submit proposals to GRE
- NGOs and CPs are invited to prepare proposals and submit to TF S/R

→ Meeting frequency of TF S/R will be reduced (online meetings), since the detailed technical work should be done at NGO level