WORKING PARTY ON LIGHTING AND LIGHT-SIGNALLING (89TH SESSION)

Informal document from France:
✓ Work lamps
UN Regulation No. 86 « Installation of lighting and light-signalling devices for agricultural tractors»:

- 2.6.21: "Work lamp" means a device for illuminating a working area or process.

- 6.13.9. This lamp shall not be combined or reciprocally incorporated with another lamp.

- No specificities related to driving, switch off on the road, do not dazzle...

- These lights are not « manoeuvring lamp » (R48, 2.7.3.1).

- Usually switch on/off by the driver (no automatic switch-off depending on the speed of the vehicle for example).
Opinions about work lamps

Many different national rules (GRE 88 discussions):

✓ Colour: White, yellow...
✓ Not at the rear of the vehicle...
✓ Type of vehicle: industrial, agricultural, all type...
✓ Use: parking only, low speed, work condition only, loading/unloading
✓ Do not dazzle
✓ ...

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Main principle

- The main purpose is to have one harmonised set of rules at UNECE level
- Specific additional rules can still be possible at national level
Proposal

✔ UN Regulation No. 48 (1/2):

- "Work lamp" means a device for illuminating a working area or process (identical to the regulation n°86).
- Electrical connections: “This lamp shall be operated independently of all other lamps in view of the fact that it does not illuminate the road or act as a signalling device on the road” (identical to the regulation n°86).
- Operating tell-tale mandatory
- The work lamps shall be automatically switched off if the forward speed of the vehicle exceeds [15 km/h] and they shall remain switched off until the conditions for activation are met again
- The colour of the light emitted shall be [white].
Proposal

✓ UN regulation n° 48 (2/2):

- This lamp shall not be combined or reciprocally incorporated with another lamp.
- Requirement shall allow the use of all technologies
- Shall be different if LHD or RHD (do not illuminate the opposite lane of traffic)
- Shall not create any glare (annex 14 requirements to be followed or adapted)
What is your opinion on the subject?
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✓ Work lightnings

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