

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

Informal document from France:

- ✓ Colour of the light

Reminder of GRE (88th session)

Document GRE-88-08-Rev.1

✓ Regulation n°48:

- ✓ 5. General specifications: Only white colour on the front (except for direction-indicator lamp)

✓ Regulation n°149:

- ✓ 4. General technical requirements / 4.16. Colour of light emitted:

The colour of the light emitted **shall be white** for all lamps. However, for front fog lamps the colour of the light emitted may be selective yellow if requested by the applicant.

But

Certification measure white colour while the eye perceives other colors



Opinions about colour lighting in lightning units

Many different national rules (GRE 88 discussions):

- ✓ Blue colour often for emergency or police but not clearly defined in UNECE rules
- ✓ Other colours are seen but not explicitly allowed (“shall be white”)
- ✓ Need to work on certification method or to do something that set what an eye can see
- ✓ Technologie have some limits to take into account

Question about colour lightning:

Can we accept to have one lamp approved whose color seen by human eye looking to this lamp device is different from the color emitted which stays compliant with the color requirement ?

- If yes, nothing to change;
- If no, we need to work on the subject:
 - Light emitted;
 - Reflected light.

What is your opinion on the subject?

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