Evaluation of a New Cockpit Color Concept under Mesopic Lighting for Urban Driving

Abstract:
This paper compares two different cockpit color concepts in mid-range cars under mesopic lighting. The analysis tries to confirm that new concepts with white illumination are no worse than the red concepts presently in use. Thirty participants took part in two experiments to determine whether they yielded the same results in terms of interpretability, readability, and differentiability of information. A modified PSSUQ was used to evaluate those factors. The subjective results show that there is no meaningful difference between a white and red color cockpit concept.
Occurences:

- Einrichtungen > Fakultäten > Fakultät für Maschinenwesen > Institut für Produktionstechnik > Lehrstuhl für Ergonomie (Prof. Bengler) > 2013

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