**Research and control of parameters of 40 W lighting fixtures for illumination**

**of a movie set 13**

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***Abstract***

***Due to the wide variety of lighting devices of domestic and foreign production on the lighting products market, in order to assist specialists in design and installation organizations in the selection of LED lamps, a study was made of the technical parameters of LED lamps designed for street lighting from three different manufacturers. As a result of a comparative assessment of the technical parameters and the degree of reliability of the LED lighting devices in different technical and climatic conditions, the disadvantages of technical solutions and the discrepancy between the measured values of the ripple coefficient stated in the technical passport of one of the lighting devices are revealed.*** ***These LED lights can also be used in the film industry on film sets both indoors and outdoors.***

***Keywords: lighting test, technical parameters, street lighting.***

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