

CHOOSEN PROPERTIES OF PHOSPHORS USED  
IN LOW-PRESSURE MERCURY DISCHARGE LAMPS.  
THEIR IMPACT ON LIGHT EFFICIENCY

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**ABSTRACT** *Impact of the surface and cross phosphor coating in fluorescent lamp on light parameters is showed in the paper. Particular attention was paid to parameters that influence on light parameters such as the luminous efficacy. The results of measurements of light efficiency and transmission factor in function of phosphor thickness changes and some physical parameters of phosphors used in fluorescent lamps are showed.*

**Keywords:** *low-pressure mercury discharge lamp, phosphor, lighting efficiency*