

Increased Efficiency of Automatic Control of Tunnel Lighting

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SUMARRY

With the present report is offered a method for an increase of energy efficiency of the stepwise control in tunnel lighting.

The step lighting control is realized by switching on and off different groups of luminaries feeded by different electric lines. The numbers of groups and numbers of the regulating stages could be 2, 3, 4, 5, 6, 7, 8 ect. The aim of this study is, which the preliminary assigned number of steps controls, to be chosen these with which electricity consumption would be reduced to minimum.

Preview a different ability to dim a luminous flux of High-Intensity Discharge lamps.