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Automatic Upper Dipper Headlight for Vehicle

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Abstract: *From the last decade there is several incidents stating the dangerous effects of using high intensity headlights in vehicle. During night this headlights had seen a major reason for accidents. Vehicle driving in night is difficult task compared to the daytime as there is absence of proper light illumination. In night driving the high intensity lights can cause temporal blindness in driver passed by the vehicle. This leads to the driving vehicle unconsciously and can cause life threatening incident. To reduce such risk a prototype for automatically dimming the vehicle headlight is proposed in this paper. Proposed system uses a Light Dependent Resistor to sense the light intensity and according to the intensity of sensed light dimming of Headlight is achieved*

Keywords: Headlight, automatic, dimmer, light control, high beam, low beam, LDR

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