

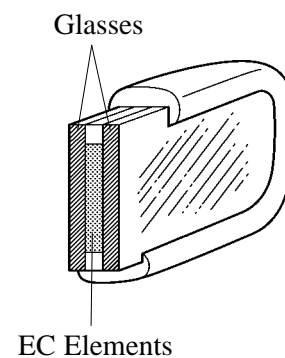
■ **FUNCTION OF COMPONENT**

**1. General**

Component	Function
Surrounding Light Detection Sensor	Detect the intensity of the light surrounding the vehicle.
Rear Light Detection Sensor	Detects the intensity of the light entering the inside rear view mirror from behind the vehicle.
LED	Turns on of inform the driver during the AUTO mode is operating.
Mode Select Switch (AUTO, OFF)	Selects the inside rear view mirror control to AUTO mode AUTO OFF mode.
EC Mirror Cell	Varies the reflection rate of the mirror through the function of EC element.
CPU	Controls the reflection rate in accordance with the signals from the 2 sensors.

**2. EC Mirror Cell**

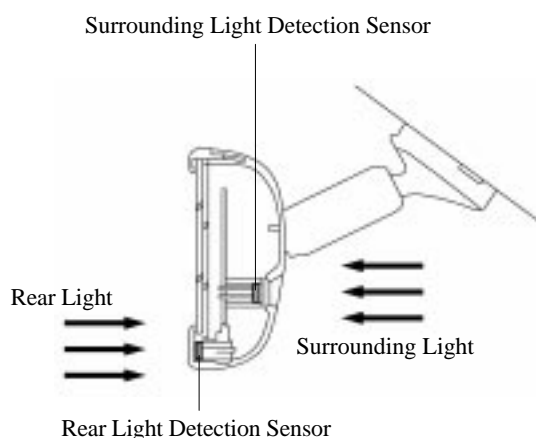
An EC mirror cell consists of 2 layers of glass, which sandwich the EC (Electrochromic) elements in the middle. The EC elements control coloring and discoloring characteristics through their electro-chemical oxidation reduce reaction. These characteristics are utilized to electronically vary the mirror's reflection rate.



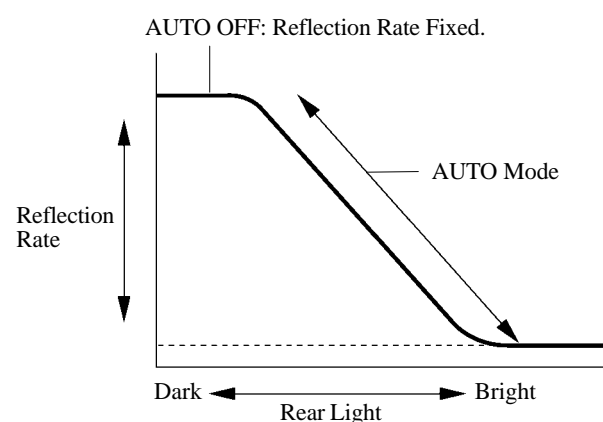
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■ **REFLECTION RATE CONTROL**

This CPU detects the surrounding light through its surrounding light detection sensor, the rear light through its rear light detection sensor, and determines whether it is day or night through the intensity of the surrounding light. At the same time, the intensity of the glare from the rear determined through the difference in intensity between the surrounding and rear light. In accordance with the intensity of the rear light, the reflection rate varies steplessly.



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